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# Stumpp & Walter Company

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High Grade Vegetable  
and Flower

# SEEDS

Bulbs, Plants  
and  
Implements

...1901

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50 BARCLAY STREET  
NEW YORK

# STUMPP AND WALTER COMPANY

50 BARCLAY STREET    NEW YORK, N. Y.

Julian H. Walter, Pres.  George G. Stumpp, Treas.  Henry Eicke, Sec'y.



Our list of seeds comprises all the standard varieties, together with those apparently most valuable of recent introduction. The seeds we offer have been raised under the supervision of our most reliable growers, and are unsurpassed in quality, but as practical experience has demonstrated that owing to unfavorable weather and improper treatment the best of seeds may fail, we desire it distinctly understood that for these reasons only **we do not warrant seed.**

Vegetable or Flower Seeds ordered by the packet will be sent carriage paid. Postage must be added to all seeds in bulk at the rate of 8 cents per pound. Peas, Beans and Corn, 15 cents per quart.

Remittances should be made by Draft on Bank, Post Office Order, Registered Letter, or Express Money Order. Small sums may be sent in Postage Stamps of small denominations. Particular care is essential in having Name, Post Office, County and State distinctly written. We are in receipt of many orders deficient in these important particulars, often causing a delay of weeks in executing them, to the great inconvenience of both parties.

Appreciating past favors, we solicit your continued orders, which shall receive our careful and prompt attention.

1901...

Very respectfully,

STUMPP & WALTER CO.

## Price List of High Grade Vegetable and Flower Seeds

**BULBS AND SMALL FRUITS, ORNAMENTAL  
SHRUBS AND TREES FOR SPRING PLANTING**

# IMPORTANT TO PURCHASERS.

All Vegetable and Flower Seeds will be delivered **FREE** by mail or express, when ordered by the packet.

On all Orders for **VEGETABLE** and **FLOWER SEEDS, BULBS** or **PLANTS**, Customers may select **ANY ARTICLE** from this Catalogue as a

## PREMIUM

to values given on orders of the following amounts:

On \$1.00 ORDER select premium to value \$0.10 extra.					On \$16.00 ORDER select premium to value \$2.65 extra.				
On 2.00	"	"	"	25	On 17.00	"	"	"	2.85
On 3.00	"	"	"	45	On 18.00	"	"	"	3.00
On 4.00	"	"	"	60	On 19.00	"	"	"	3.25
On 5.00	"	"	"	75	On 20.00	"	"	"	3.50
On 6.00	"	"	"	90	On 21.00	"	"	"	3.75
On 7.00	"	"	"	1.05	On 22.00	"	"	"	4.00
On 8.00	"	"	"	1.20	On 23.00	"	"	"	4.15
On 9.00	"	"	"	1.35	On 24.00	"	"	"	4.30
On 10.00	"	"	"	1.50	On 25.00	"	"	"	4.50
On 11.00	"	"	"	1.75	On 30.00	"	"	"	5.50
On 12.00	"	"	"	2.00	On 35.00	"	"	"	6.50
On 13.00	"	"	"	2.15	On 40.00	"	"	"	7.65
On 14.00	"	"	"	2.30	On 45.00	"	"	"	8.75
On 15.00	"	"	"	2.50	On 50.00	"	"	"	10.00

### General Directions for the Cultivation of Vegetables.

To secure a good crop of vegetables, three things at least are necessary—viz., a suitable soil, pure seed, and clean culture; to which may be added as equally necessary an *abundant* supply of good barnyard manure, supplemented, when this runs short, by artificial fertilizers. The soil should be naturally rich and friable, a sandy loam being among the best. If the soil be stiff, it should be gradually mellowed by the free use of barnyard manure, or, if convenient, by the addition of sand. If wet, or inclined to hold an excess of moisture, it should be under-drained, preferably by tile; but if possible, a location should be selected naturally dry and free from surface water.

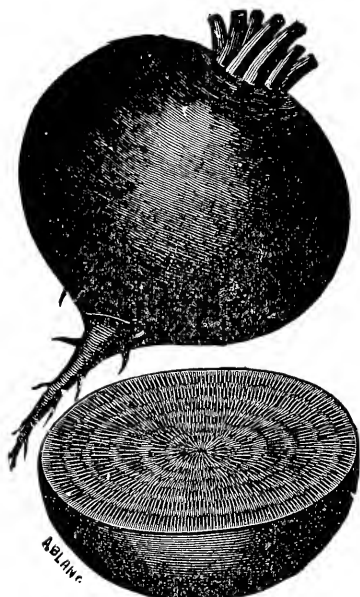
A dark-colored soil, or one supplied with a goodly portion of decayed vegetable matter, will produce the earliest crops. A sandy soil may be greatly improved by adding more or less vegetable mold from the woods. To produce the best and most uniform results, the vegetable garden should have at least one foot of good rich soil. To kill the weeds and keep the soil mellow the ground should be hoed frequently, and the proper time to hoe is just when the weeds appear above ground.

For other directions see body of catalogue, given with the various cultural instructions.

### Directions for Making a Hotbed.

In the vicinity of New York, from the first to the middle of March is quite early enough to make a hotbed, and even a little later will do well enough. Provide a quantity of fresh horse manure from the stables, and add to this, if they can be had, one-third to one-half of its bulk of leaves. Mix them thoroughly, trampling down the mass in successive layers, and form into a large pile, so that fermentation will proceed even in severely cold weather. In two or three days fermentation will be apparent by the escape of steam from the heap. Now turn again, and allow the heap to remain two or three days longer, or until the second fermentation commences. Make an excavation or pit 2½ feet deep, and of a size suited to the number of plants required. The pit will be better if built up of brick. It should be made in some dry, sheltered spot, facing the south or east if possible. Hotbed sashes are usually 6x3 feet, and one or two sashes will generally give early plants enough for a small family. The frame for sashes should be 18 inches high at the back and 12 inches in front, which will give the proper slope to catch the sunlight. Cross-pieces should be placed for the sashes to slide on, to facilitate opening and shutting the frames. When everything is ready, the manure is placed in the pit and trodden down firmly in layers to the required depth, 2 to 2½ feet. Then put on the sashes, and keep the pit closed until the heat rises. At first it will probably be 100° or more, which is too hot to sow the seed in; but in two or three days it will subside to 90° or a little less, when the soil may be put on to the depth of 6 to 8 inches. The heat may be readily ascertained by plunging a thermometer in the manure. The soil should be of well-rotted sod (or common garden soil will do), mixed with about a third of fine, old manure, and in this the seeds may be sown thinly in drills 2 to 3 inches apart, and afterward (as soon as out of the seed-leaf) either thinned out or else transplanted to another frame. Air must be given every mild day by raising the sashes at the back. Water with tepid water whenever necessary, and during cold nights and snowstorms keep covered with straw mats or board shutters. Tomatoes, Peppers and Egg Plants should be sown in a separate frame from the Cabbage, Cauliflower and Lettuce, as they require more heat than the latter. The same directions may apply to hotbeds made on the surface of the ground, except that the manure should be at least a foot wider on all sides than the frame.

# Novelties and Specialties in Vegetable Seed.



*New Dark Crimson Beet  
Crimson Globe.*

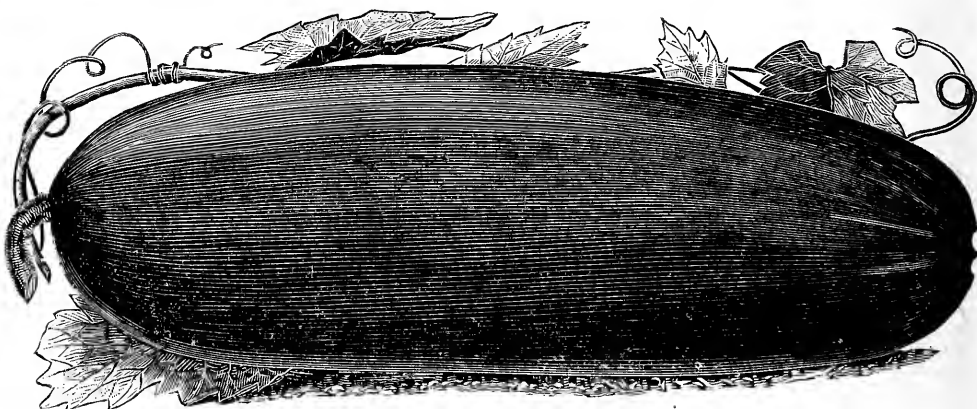
The Emerald Cucumber is a remarkable new sort, possessing that rich, dark green color which has been so long desired. It is strictly an evergreen, holding its color until fully ripe. Its distinct dark green and spineless skin attracts the attention of every one. The fruit sets early, and its vigorous vines abound in straight, handsome fruit of the most desirable qualities. As a slicer the flesh is peculiarly crisp and tender and the flavor most pleasing. The young fruit being dark green, straight and tender, makes an excellent pickle.

## New Dark Crimson Beet CRIMSON GLOBE.

In this variety we have more good qualities than were ever before combined in one Beet. It is perfectly round, leaves small and compact and set very close to the center. It combines the maximum of edible bulb with the minimum of root and foliage. The color of the skin as well as the flesh is a very dark crimson. It is very early, coming in with Extra Early Egyptian; is extremely tender and free from woody fibre or tough stringiness; but it is when prepared for the table that its fine qualities become most apparent, the fine rich color making it conspicuous.

Per pkt., 5c.; per oz., 10c.; per  $\frac{1}{4}$  lb., 25c.

## EMERALD CUCUMBER.



*Emerald Cucumber.*

Per pkt., 5c.; per oz., 15c.; per  $\frac{1}{4}$  lb., 25c.



*Stringless Green Pod Bush Bean.*

## Stringless Green Pod Bush

The only stringless green pod bush bean in cultivation, consequently it surpasses all others in crisp, tender flavor. The finely shaped, long green pods are absolutely stringless, and when we add that the pods are ready to market two weeks earlier than the best stock of improved Extra Early Red Valentines, we are sure that Stringless Green Pod will supply a long-felt want. It must prove of immense value, not only to the market gardener who wants to make more money, but also to the amateur who seeks a rare quality early for the home table.

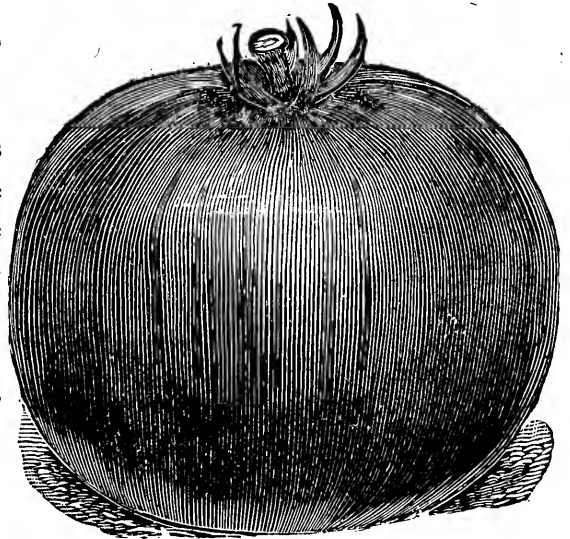
Per pkt., 10c.; per pint, 20c.; per quart, 30c.

## New Magnus Tomato.



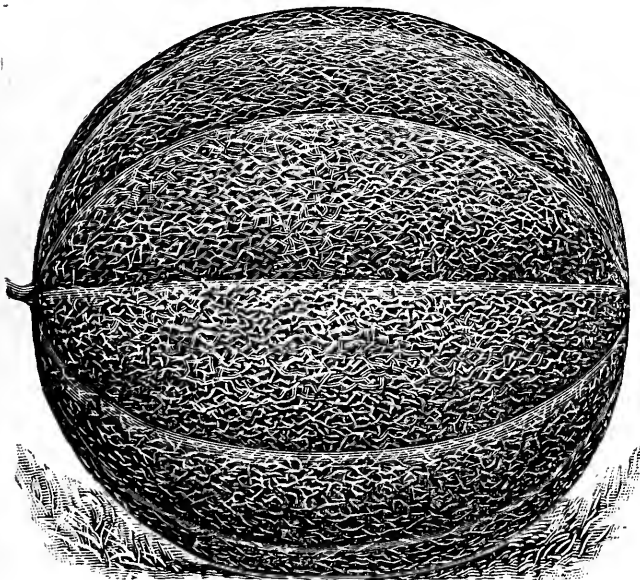
This distinct new variety is of the same color as Beauty and Acme, but is thicker, heavier and more solid than either of these sorts, making it easily the most handsome sort in cultivation. The form is perfect, uniform, large and attractive; flesh is very firm; a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. Besides being the most desirable variety grown in the open field, it is entirely unequalled for forcing in greenhouses.

Per pkt., 10c. ; per oz., 50c.



*New Magnus Tomato.*

## Tip-Top Muskmelon.



*Tip-Top Muskmelon.*



The most productive melon known; good for early or late, having a sweet, juicy, fine flavor; solid flesh (but not hard) and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted.

Per pkt., 5c. ; oz., 15c. ; 1-4 lb., 30c.



The Most Desirable Sort for the Home Garden. **GRADUS** Large Podded and of Splendid Quality.  
THE NEW EXTRA EARLY WRINKLED PEA.

The vine of this most distinct sort is like that of First and Best, except that it grows a little taller and produces peas fit for use a few days later. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other first earlies. They ripen slowly and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are very large, of splendid quality and beautiful color, which they retain after cooking.

Per pkt., 10c. ; per pint, 30c. ; per quart, 50c. ; per peck, \$2.50.

# High-Grade Vegetable Seeds.

Please notice that the Prices herein quoted are exceptionally low and do not include the prepayment of postage. Seeds in pkts. mailed free. In ordering Seeds by weight, add 8 cts. per lb. for postage; 15 cts. per quart for Peas, Beans and Corn.

## ASPARAGUS.

One ounce will plant about 50 feet of drill.

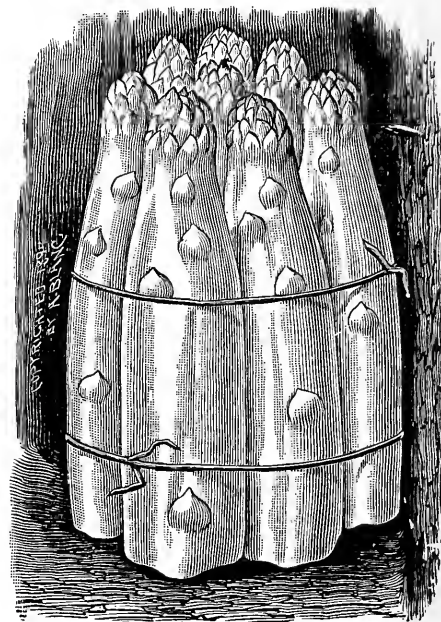
**Culture.**—Sow in November or March in drills two inches deep and fourteen inches apart. After one year the roots will be fit to transplant. The principal points to be attended to in planting are good drainage, trenching the ground three feet in depth, mixing in a heavy portion of rotten manure, also adding a good portion of sea or river sand. Plant out in spring, in beds three or four feet in width, each plant one foot apart. Fork over the surface of the beds in fall, and cover with rotten manure.

**Conover's Colossal.** A mammoth green sort of the largest size and of good quality. The best of the old kinds. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Columbian Mammoth White.** A sport from Conover's Colossal. It produces pure white shoots and requires no artificial blanching. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.

**Palmetto of Southern Origin.** A very desirable bright green Asparagus. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.

**Two-year-old roots.** Per 100, 75c.; per 1000, \$6.00.



*Columbian Mammoth White.*

## BEANS.

**DWARF OR BUSH.** *Green Pod*

One quart will plant 100 feet of drill.

**Culture.**—About the first of May select a warm, dry, sheltered spot, dig and manure slightly, make drills two inches deep and eighteen inches apart, place the beans three inches apart in the drills and cover about two inches deep; use the hoe frequently to keep down the weeds. Sow every two weeks for a succession.



*Valentine Bush Bean.*

**Burpee's Stringless.** The only stringless green pod bush bean in cultivation. (See description, front pages.) Per pkt., 10c.; pint, 20c.; quart, 30c.

**Black Valentine.** This variety possesses all the good qualities of the old favorite Red Valentine, besides other points, making it very valuable. Per pkt., 10c.; pint, 20c.; quart, 40c.

**Early Mohawk.** Very early, very productive and of rich flavor, long and flat pods. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.50.

**Early Long Yellow Six Weeks.** Very early, flat pods. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.75.

**Early China.** Early and continues long in bearing. Per pkt., 10c.; pint, 20c.; quart, 25c.; peck, \$1.50.

**Improved Red Valentine.** Round green pods, early and tender. Per pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.25.

**Best of All.** Early and superior, round, green, fleshy pods. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.75.

**Dwarf Horticultural.** Late and productive. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.50.

**Refugee.** Medium to late, very productive and tender, and largely grown for main crop; round pods. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.50.

**Refugee Extra Early.** The qualities of the famous late variety of the same name, but is considerably earlier in podding. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.50.

**Refugee Golden.** Has round pods of light green color, of strong growth and very productive; one of the best. Per pkt., 10c.; pint, 20c.; quart, 30c.; peck, \$1.50.

**BEANS—Continued.****DWARF WAX.**

**Black Wax.** Improved; very early and productive. Per pkt., 10c.; pt., 15c.; qt., 30c.; pk., \$1.75.

**Improved Golden Wax.** Very early, round golden pods. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**Golden-Eyed Wax** Exceedingly hardy and productive, with flat yellow pods; early and exceptionally free from rust. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**Keeney's Rustless Golden Wax.** Productive. Golden yellow pods, stringless. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**Refugee Wax.** Earliest of all the wax beans, with long yellow pods; wonderfully productive. Per pkt., 10c.; pt., 20c.; qt., 30 cts.; pk., \$1.75.

**Wardwell Kidney Wax.** Extra early, long flat purely wax pods. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**Davis Kidney Wax.** This is the most hardy and productive bush, wax podded bean in cultivation. The vine is rustless and very vigorous, bearing near the center many clusters, some of which extend above the foliage. When young the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear white, and excellent for baking. Per pkt., 10c.; pt., 20c.; qt., 30c.

**White Wax.** Stringless yellow pods, very tender. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**Yosemite.** Mammoth Wax. The pods frequently attain a length of 10 inches, with the thickness of a man's finger; the pods are of a rich golden color and are absolutely stringless, cooking tender and delicious. Per pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$2.50.

**POLE OR RUNNING.**

One quart will plant 100 hills.

**Culture.**—Plant in hills four feet apart each way and two inches deep, allowing eight seeds to a hill. When the plants are well established they should be thinned out to four. Limas should not be planted until warm weather has fairly set in. The poles should be firmly set in the center of the hills before planting the seeds.

**Old Homestead.** This is regarded as far ahead of any other green pole bean. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are a silvery green color, resembling the popular Refugee Bush Bean. The pods, though large, cook tender and melting, and we can recommend it as the best green pole bean. Per pkt., 10c.; pt., 25c.; qt., 35c.

**Golden Champion.** This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than the Golden Cluster Wax Pole, being fit to pick on July 24th of last year. They are absolutely stringless and cook tender. Per pkt., 10c.; pt., 25c.; qt., 40c.

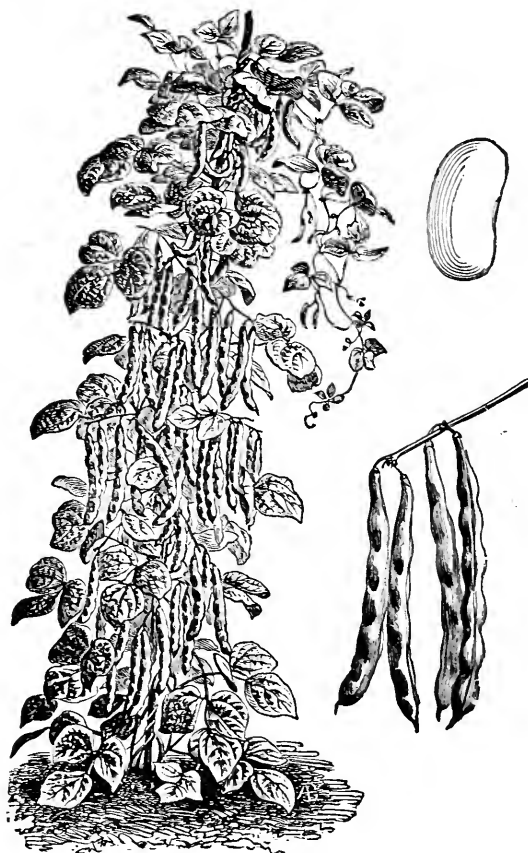
**Early Golden Cluster Wax.** Begins to bear early in July and continues until frost. The pods are six to eight inches long, are most freely produced, and are of a beautiful golden yellow; the flavor is most delicious. Per pkt., 10c.; pt., 25c.; qt., 40c.

**Lazy Wife's.** The very best late green podded pole bean. The pods are of a medium dark green color, broad, thick, very fleshy, and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and at all stages are unsurpassed for snap shorts. Each pod contains from six to eight round, white beans, which make excellent winter shell beans. Per pkt., 10c.; pt., 25c.; qt., 35c.; pk., \$2.25.

**German Black Wax.** Fine snap bean, yellow pods. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Horticultural or Speckled Cranberry.** One of the best for family use; the pods are tender and of fine quality. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**Scarlet Runner.** A great favorite, both ornamental and useful. Bright scarlet flowers. Used both as a string and shelled bean. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.



*Golden Cluster Pole Bean.*

**White Dutch Runner.** Similar to the Scarlet Runner, with the exception of having white flowers instead of scarlet. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

**LIMA BEANS (Pole).**

**Lima Challenger.** Early and very productive. Quality the best. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

**Lima, Dreer's.** Very productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

**Lima, Early Jersey.** Medium early, very productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

**Lima, King of the Garden.** The pods are very long, and the green beans are extra large. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., 2.25.

**Lima, Large White.** Large, greenish white beans, of finest flavor, shelled green, and also good dried for winter use. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

**BUSH LIMA.**

One quart will plant 100 feet of drill.

Plant in light, rich soil, in drills two feet apart, dropping the seeds about one foot apart in a row, and cover two inches.

**Henderson's Bush Lima.** Early and very productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Burpee's Bush Lima.** A bush form of the large Pole Lima, the beans being large and flat like those of that variety. Very productive and of excellent quality. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

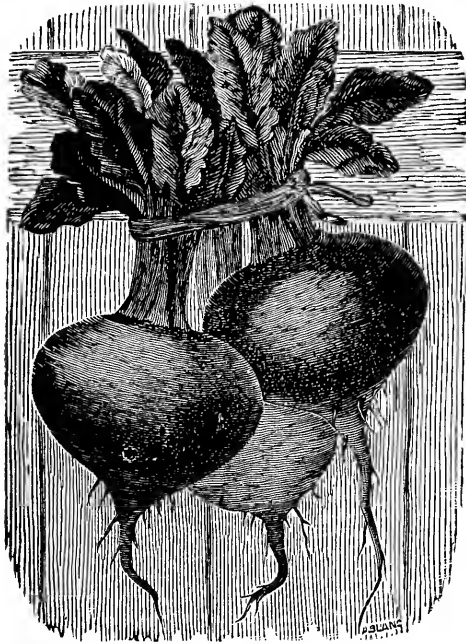
**Thorburn's Dwarf Lima.** A dwarf form of the Challenger Lima; very productive and possesses a delicious flavor. Per pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$2.50.

**ENGLISH OR BROAD.**

One quart will plant 100 feet of drill.

**Early Mazagan.** Very early, hardy and bears freely. Per pkt., 10c.; qt., 25c.

**Broad Windsor.** The largest variety grown; very tender and delicious. Per pkt., 10c.; qt., 30c.



Detroit Beet.

a long time. We believe that the stock of this variety which we offer will produce a crop more uniform in shape, color and quality than any other beet seed obtainable.

Per pkt., 5c.; per oz., 10c.; per  $\frac{1}{4}$  lb., 20c.; per lb., 60c.

	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
<b>Extra Early Egyptian.</b> Earliest of all the round sorts. Deep blood color.	\$0 05	\$0 10	\$0 20	\$0 50
<b>Eclipse.</b> Almost as early as the Egyptian, but of much finer quality	05	10	20	60
<b>Edmand's Blood Turnip.</b> Very regular in shape; deep blood-red color and exceedingly sweet.	05	10	20	50
<b>Bassano.</b> Early, flat, of very light color. Sweetest of all the turnip varieties.	05	10	20	50
<b>Early Blood Turnip.</b> Dark red; standard market garden sort.	05	10	20	45
<b>Half Long Blood Beet.</b> The top is medium in size and of a very rich glossy crimson. The bulb is three inches in diameter at shoulder, tapering in pear-shaped form to the slender root, and is entirely free from roughness.	05	10	20	60

### SUGAR BEETS AND MANGELS.

Use four to six lbs. of seed to an acre. Plant in drills about two ft. apart each way; the seed should be dropped about two in. apart in the drills; thin out plants to 12 in. apart.

**Mammoth Long Red.** Largest and most profitable variety grown for agricultural purposes. Per  $\frac{1}{4}$  lb., 15c.; per lb., 25c.

**Yellow Globe.** Adapted for growing in shallow soils. Per  $\frac{1}{4}$  lb., 15c.; per lb., 30c.

**Red Globe.** Similar to the Yellow Globe.

Per  $\frac{1}{4}$  lb., 15c.; per lb., 25c.

**White Sugar.** Useful for making sugar. Per  $\frac{1}{4}$  lb., 15c.; lb., 25c.

**Klein Wanzleben.** Improved Sugar Beet. Per  $\frac{1}{4}$  lb., 15c.; lb., 40c.



Water Cress.

## BEET.

One ounce will sow 100 feet of drill.

**Culture.**—Sow as soon as the ground is free from frost and dry, in the spring, in drills two inches deep and 18 inches apart; thin out to six inches. For family use in winter, sow in July or August.

### CRIMSON GLOBE.

In this variety we have more good qualities than were ever before combined in one beet. It is perfectly round, leaves small and compact and set very close to the center; it combines the maximum of edible bulb with the minimum of root and foliage. The color is very dark crimson. It is extremely early, coming in with Extra Early Egyptian. But it is when prepared for the table that its fine qualities become most apparent, the fine rich color making it conspicuous. The flesh of delicate texture, rich and sugary.

Per pkt., 5c.; per oz., 10c.; per  $\frac{1}{4}$  lb., 25c.

### DETROIT DARK RED TURNIP BEET.

Extended experience has shown this variety to be the best deep red turnip beet, not only for market gardeners, but for the home garden. Its small upright growing tops, early maturing, and the splendid shape and color of the roots, make it popular with every one who plants it. Tops small, upright growing, so that the rows may be close together; leaf stems and veins dark red, blade green; roots globular or ovoid, peculiarly smooth; color of skin dark blood-red; flesh bright red, zoned with a lighter shade, very crisp, tender and sweet, and remaining so for



Brussels Sprouts.

## BRUSSELS SPROUTS.

One ounce will produce about 3,000 plants.

**Culture.**—Sow in May, in shallow drills, one inch deep and 12 inches apart. Transplant in July. When the crown or top sprout is beginning to head, pinch it out, to admit of the whole strength being thrown into the side shoots. Very hardy. This is a delicious vegetable and should find a place in every garden; greatly improved by hard frosts.

**Improved Dwarf.** Compact heads of best quality. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## CRESS OR PEPPER GRASS.

One ounce will sow 150 feet of drill.

**Culture.**—This popular salad should be sown early in the spring. Sow at short intervals for succession, as it soon runs to seed.

**Curled, or Pepper Grass.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**True Erfurt Water Cress.** Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00.

# CABBAGE.

One ounce will produce about 3,000 plants.

**Culture.**—Sow the early kinds in September, in shallow drills, six or eight inches apart. When large enough to handle transplant into a cold frame. Sow also in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts twenty inches distant in a row and two feet between the rows; the latter sorts, two and a half feet each way. To be well grown, cabbages require a deep, rich loamy soil.

Our cabbage seed is especially grown for us on Long Island, and we offer it as being of superior quality.

**Improved Early Jersey Wakefield.** The finest early variety grown; conical in shape; medium-sized heads; very solid and of superior quality. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.

**The Charleston, or Large Type of Wakefield.** A variety having all the characteristics of the Early Jersey Wakefield, but of a greater size, and is but a few days later. Per pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.

**Early Winnigstadt.** Standard second early variety. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.

**Early Dwarf Ulm Savoy.** A very early and superior dwarf variety of fine quality. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.

**Early Flat Dutch.** A valuable early market variety; heads weighing about 10 lbs. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Early Summer.** A superior second early variety; produces solid heads of fine quality. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

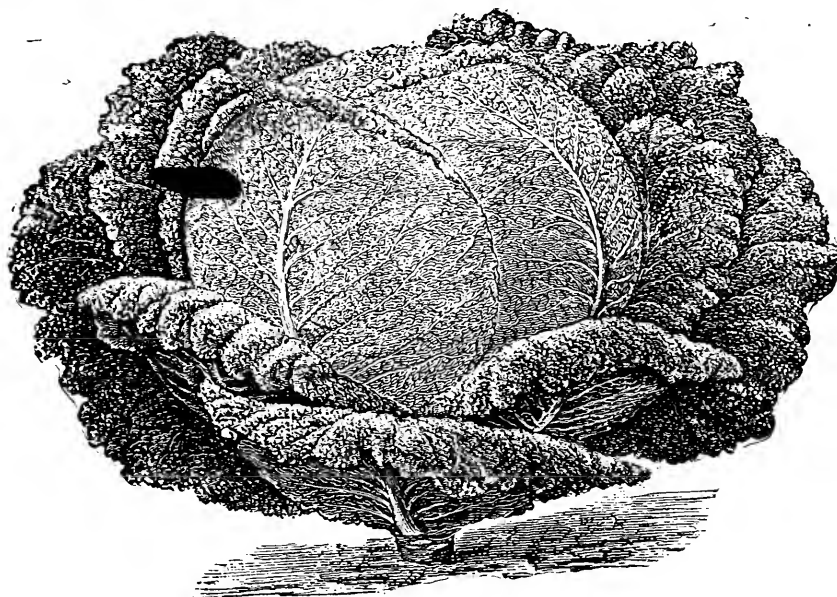
**Early York.** A standard English variety. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Henderson's Succession.** Very similar to the preceding variety. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Holland or Danish Ballhead.** Its principal value lies in its hard heading qualities, which make it positively the best shipper of any on the market. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Autumn King.** We believe this to be one of the finest strains of late cabbage ever offered. It produces regular, even heads of enormous size; a magnificent cropper. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.

**American Drumhead Savoy.** None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large, solid and a splendid keeper. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.



*Cabbage, American Drumhead Savoy.*

**All Seasons.** The finest sort for second early or late use, growing to a large size, and is a sure header. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Large Late Drumhead.** Very large, solid heads; standard variety for winter use. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**Large Late Flat Dutch.** Without exception the best variety in cultivation for winter use; produces immense heads of the finest quality; splendid keeper. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Mammoth Rock Red Cabbage.** This is by far the best, largest and surest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of a deep red color. The best cabbage on the market. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.

## CHICORY.

Chicory is used chiefly for its roots, which are dried and used as a substitute for coffee. Cultivate the same as for carrots. May delivery.

**Large Rooted Magdeburg.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Witloof.** Valuable as a salad as well as a vegetable. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## CHERVIL.

One ounce will sow 100 feet of drill.

**Culture.**—The curled chervil is cultivated like parsley and used for garnishing and flavoring soups and salads. The seeds of the tuberous rooted is sown in August and treated like carrots.

**Curled Chervil.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.



*Chicory, Witloof.*

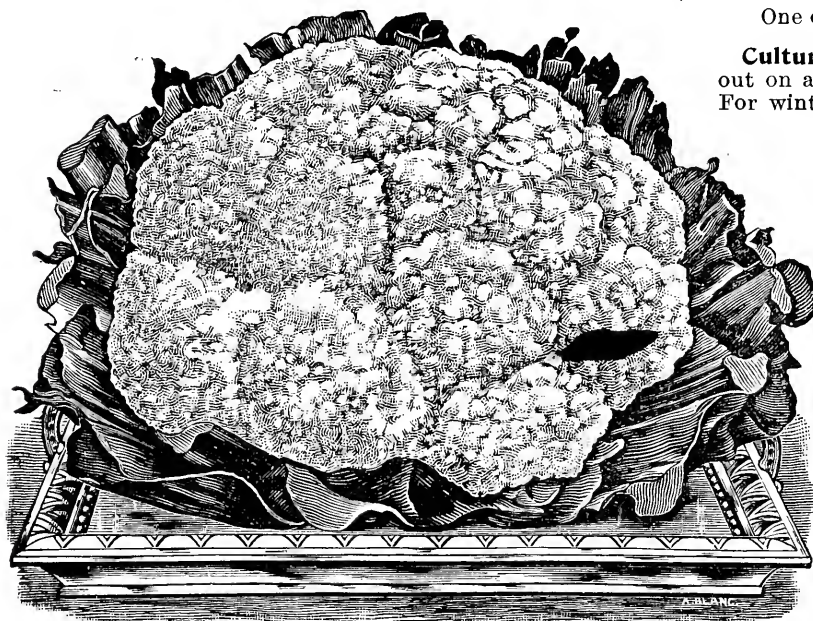


*Cabbage, Holland or Danish Ballhead.*

# CAULIFLOWER.

One ounce will produce about 3,000 plants

**Culture.**—Sow the first week in May and prick out on a rich piece of ground; transplant in July. For wintering under glass sow in the second and last week in September; transplant thickly into a cold pit or frame; give plenty of air in mild weather, and cover up well in very severe. Again, sow in February in a hotbed and transplant in April. For cauliflower the ground should be well prepared by trenching, incorporating at the same time a good share of rotten manure. Select new ground, if possible, as cauliflower rarely succeeds on ground which has been cropped year after year with other kinds of vegetables. Plant in rows twenty inches apart and two feet between the rows.

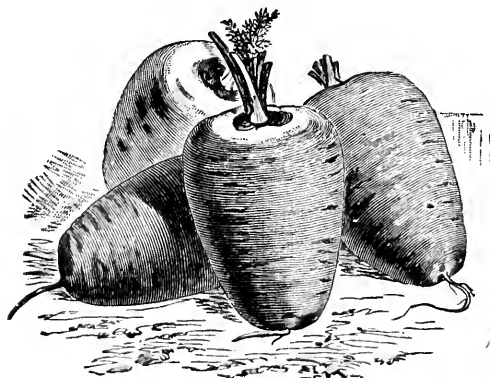


*Early Snowball Cauliflower.*

**Extra Early Dwarf Erfurt.** The earliest and most desirable sort for forcing. Per pkt., 25c.; oz., \$6.00.

**Early Paris.** An old and favorite sort, excellent for family use. Per pkt., 10c.; oz., 60c.;  $\frac{1}{4}$  lb., \$1.75.

**Early Snowball.** One of the best for general use; medium size, but sure to head. Per pkt., 25c.; oz., \$2.25.



*Carrot.*

# CARROT.

One ounce will sow 100 feet of drill.

**Culture.**—To produce the finest crop, the land should be thoroughly manured the previous season; forked roots will result if seed is sown on freshly manured soil. Sow the early sorts in March and April, in drills one inch deep and fourteen inches apart; thin out to six inches. For main crop sow in May or the beginning of June.

**Early French Forcing.** The earliest variety grown; roots very small and exceedingly fine flavored. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Early Scarlet Horn.** Highly esteemed old variety; medium size and of excellent quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Half Long Nantes.** An excellent variety; medium early and of fine quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Half Long Stump Rooted Carentan.** Coreless; red flesh, superior quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

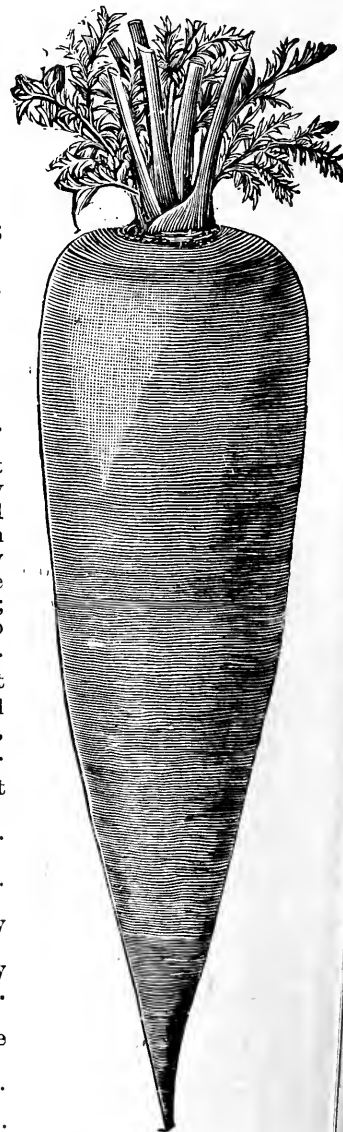
**Danvers.** (Half Long.) Rich dark orange color, stump rooted, smooth, with very little core. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**James' Intermediate.** One of the best main crop carrots. Entirely free from any coarse, rank flavor so common with many sorts. Excellent for private purposes. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Half Long Stump Rooted Chantenay.** One of the most productive sorts grown; fine flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Long Orange.** Most profitable variety grown for field crops or for feed purposes. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Half Long Red Stump Rooted.** An excellent sort of good quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.



*Carrot, Intermediate.*

# CELERY.

One ounce will produce about 5,000 plants.

**Culture.**—Sow the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed bed out of doors, in straight rows, so that the small plants may be kept free from weeds.

See to it that the seed bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. When about two inches high thin out and transplant so that they may stand two inches apart, and when the plants are four inches high cut off the tops, which will cause them to grow stocky.

The crop is usually made to succeed some earlier crop, and if good plants are used they may be set out as late as the middle of August, but the best results are usually obtained from setting about the middle of June or the first of July. The most desirable time will depend upon local climate, and is that which will bring the plants to maturity during cool, moist weather. In setting, prepare broad, shallow trenches about six inches deep and four feet apart, in which the plants should be set six inches apart, cutting off the outer leaves and *pressing the soil firmly about the roots*. When the plants are nearly full-grown they should be "handled," which is done by one man gathering the leaves together, while a second draws the earth about the plant to one-third its height, taking care that none of the earth falls between the leaves, as it would be likely to cause them to rust or rot. After a few days draw more earth about them, and repeat the process every few days until only the tops of the leaves are visible, or the leaves may be pressed together by two wide boards held firmly a few inches apart by cross-ties and stakes, when in a few days more it will be fit for use. Care should be taken that the plants are not disturbed while they or the ground are wet, as it would be sure to injure them. A part of the crop may be simply "handled," and then at the approach of severe freezing weather taken up and set out compactly in a dark cellar or an unused cold frame, which can be kept just above the freezing point, and it will then gradually blanch so that it may be used throughout the winter. Should the plants begin to wilt, water the roots without wetting the stocks or leaves, and they will revive again.

**White Solid.** An old standard variety. Per pkt., 15c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Perfection Heartwell.** The finest and largest of the winter sorts, either for the family or market garden. The heart is golden yellow, and its crisp tenderness and delicious flavor are unequaled. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.00.

**Golden Self-Blanching.** A self-blanching variety of the White Plume order, but much superior for either family or market gardeners' use; it is of a rich golden yellow color and is the earliest variety grown. Per pkt., 5c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.75; lb., \$4.00.

**Improved White Plume.** An early and ornamental variety. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Giant Pascal.** This splendid variety possesses an unexceptionally rich nutty flavor without being stringy. The stalks are thick, solid and crisp; golden yellow heart. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Boston Market.** Dwarf, branching habit; solid, crisp; a favorite variety. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Keppler's Long Island.** One of the most valuable varieties, either for the family or market garden. It is of a fine nutty flavor, being entirely free from any bitter taste. Per pkt., 10c.; oz., 75c.

**Crawford Half Dwarf.** Vigorous growth and excellent flavor. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**London Red.** The largest variety grown, and one of the best in quality. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Covent Garden Red.** The red or rose celeries are much superior in flavor to any of the white varieties. They are very ornamental on the table, are more solid, crisp, and are much better keepers. Per pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Pink Plume.** The same as White Plume, except the stalks are tinged with pink. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Rose-Ribbed Golden Self-Blanching.** This beautiful new celery is a sport from the well-known Golden Self-Blanching, differing from that variety only in the handsome rose-tinted ribs from which its name is derived. Per pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

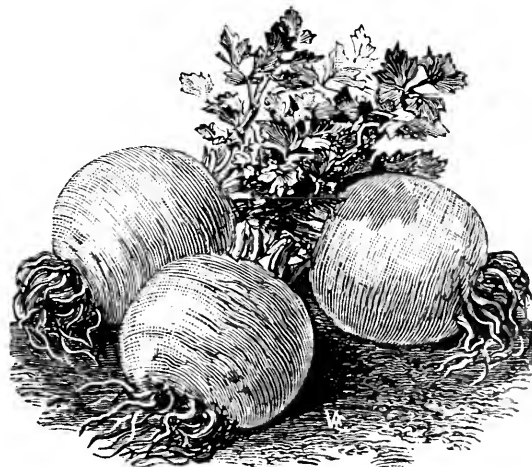
## CELERIAC, OR TURNIP-ROOTED CELERY.

**Culture.**—A variety of celery with turnip-shaped roots, which are white fleshed, tender and possess the flavor of celery stalks. Sow the seed in the open ground in April, and treat the young plants the same way as celery.

**Large Smooth Prague.** Very large and fine; roots of superior quality. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



*Golden Self-Blanching Celery.*

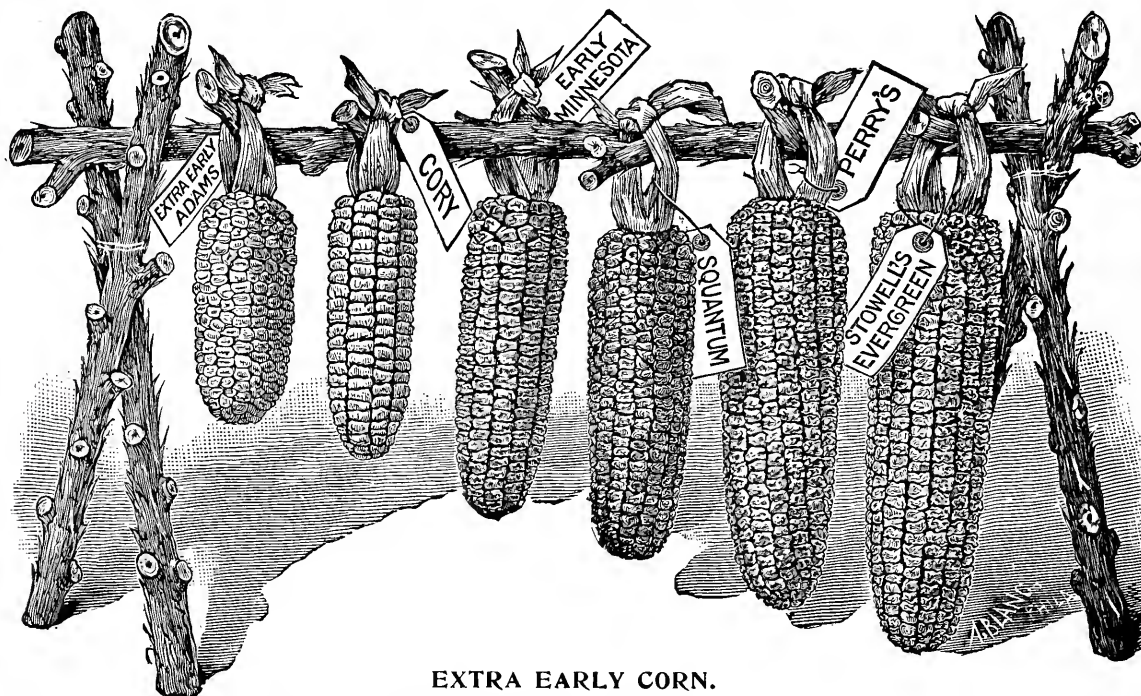


*Large Smooth Prague Celeriac.*

# CORN.

One quart will plant 200 hills.

**Culture.**—Plant for succession of crops every three weeks, from April to July, in hills three feet apart each way, and six seeds in a hill; cover about half an inch; thin out to three plants.



## EXTRA EARLY CORN.

**Minnesota.** One of the earliest; ears small, but of fine quality. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Early Cory.** Good-sized ears and large grains; very popular market variety. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Perry's Hybrid.** Very early; ears of large size; valuable for market purposes. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Extra Early Evergreen.** Ten days earlier than the standard variety. Ear, 5c.; pt., 10c.; qt., 25c.; pk., \$1.25.  
**Early Adams.** The most reliable early sort. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Metropolitan.** The earliest sweet corn. Larger ears, and is superior in flavor and tenderness to any of the early varieties. Pkt., 15c.; pt., 25c.; qt., 40c.; pk., \$1.50.

## MEDIUM.

**Stowell's Evergreen.** The most popular variety grown; ears large, very sweet, and keeps well until frost. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Moore's Early Concord.** Ears large and of superior quality. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Crosby's Early Sugar.** Standard early sort; ears good size; fine quality. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Squantum Corn.** One of the sweetest varieties; is largely used for market or canning. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.  
**Early Mammoth.** Very large and tender; similar to the Standard Mammoth variety, but much earlier. Ear, 5c.; qt., 20c.; pk., \$1.00.

## LATE.

**Black Mexican.** Very sweet and of fine flavor; grains black. Ear, 5c.; pt., 10c.; qt., 25c.; pk., \$1.25.  
**Late Mammoth.** Immense ears and very sweet. Ears, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Egyptian.** Ears large and uniform, very sweet. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.  
**Country Gentleman.** The Country Gentleman Corn retains its delicate tenderness and flavor even when a little old, as the ears are inclosed in a heavy husk, which tends to keep the ear "in the milk" for several days longer than other corns. The cob is unusually small and the pearly white kernels of great depth. Ear, 5c.; pt., 10c.; qt., 25c.; pk., \$1.25.

Price of field corn furnished upon application.

## CORN SALAD.

One ounce will sow 150 feet of drill.

**Culture.**—Sow early in the spring, in drills, one inch deep and 10 inches apart. For main crop sow in Aug. and Sept.

**Large Seeded.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



Corn Salad.

# CUCUMBER.

One ounce will plant 50 hills.

**Culture.**—Cucumbers succeed best in warm, moist, rich loamy soil. As soon as the weather becomes settled and warm, sow the seeds in hills four feet apart each way, plant 10 to 12 seeds in each hill, make the hills rich by putting a shovelful of well-rotted manure in each hill; thin out to three plants. For pickles sow from the middle of June to the first week in July.

**Emerald Cucumber.** The Emerald cucumber is a remarkable new sort, possessing good color and fine flavor, and is considered by many as the most prolific and best cucumber they have ever raised. (See complete description on front pages.) Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 25c.



*Fordhook Pickling Cucumber.*

**Fordhook Pickling.** This distinct cucumber is wonderfully prolific, and might be termed a continuous bearer. Planted at the same time with other cucumbers, the Fordhook Pickling will continue to bear pickles plentifully after the other varieties have ripened their fruit and ceased to produce more. One of the requisites for a crisp, tender pickle is that the cucumber should have a thin skin. This is a marked feature of the Fordhook Pickling. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.

**Cool and Crisp.** This cucumber is inclined to taper off at the stem end, and is generally a little pointed at the other end also. At the pickling stage the cucumbers are straight, long, even and slim, and until they reach their full size they are of a very dark green color, so dark that it might be almost called "black." While primarily a pickling variety, it is also most useful for slicing, the cucumbers, when fully matured, being of good size and exceedingly tender and crisp. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**White Wonder.** The best white sort; it ripens early and is very productive. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Early Short Green.** Early and good for pickling. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Early Green Cluster.** Fruit small, very prolific. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Early White Spine.** Improved. Standard market variety, of medium size, deep green, flesh crisp and of good flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Extra Long.** A beautiful, large and well-shaped cucumber, slightly longer in maturing than the above. Per pkt., 5c.; per oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Arlington.** A fine strain of the Improved White Spine. It is fine either for forcing or for outdoors. Per pkt., 5c.; per oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Extra Long Green.** Very long, most excellent quality and one of the best for family use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Early Russian.** Very early, short; is a valuable variety for small pickles. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**New Everbearing.** Small sized; very early and enormously productive. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Small Green Pickling.** The best variety for pickling; deep rich green, very productive and of uniform small size. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## JAPANESE CLIMBING CUCUMBER.

An entirely distinct variety. The quality is splendid. It is well adapted for pickling as well as for slicing for salads. The great advantage lies in the fact that it can be trained on a pole or fence. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.

## ENGLISH FRAME OR FORCING VARIETIES.

**Culture.**—This favorite fruit may be grown any season of the year in a house or frame where a temperature of 75° can be obtained. Sow in pots of light soil, and pot off when the third leaf appears. The soil should be prepared and placed in the house or frame several days before it is required. Plant out when the third rough leaf is developed; keep a moist warm temperature. Allow them to make several joints, when they should be stopped to make them branch, then pinch out the shoot where the fruit appears; keep them thin and trained regularly; supply with plenty of water, which should not be colder than the temperature of the place; keep adding fresh soil as the roots appear above the surface, which they do freely when the plants are thriving and healthy. The soil should be light turf, well rooted, and leaf mold without sand, and should not be sifted, enriched with manure. The heat should be regulated by shading or giving air; be sure to keep the fruit cut as soon as large enough for use, or the plants will deteriorate and be much less productive.

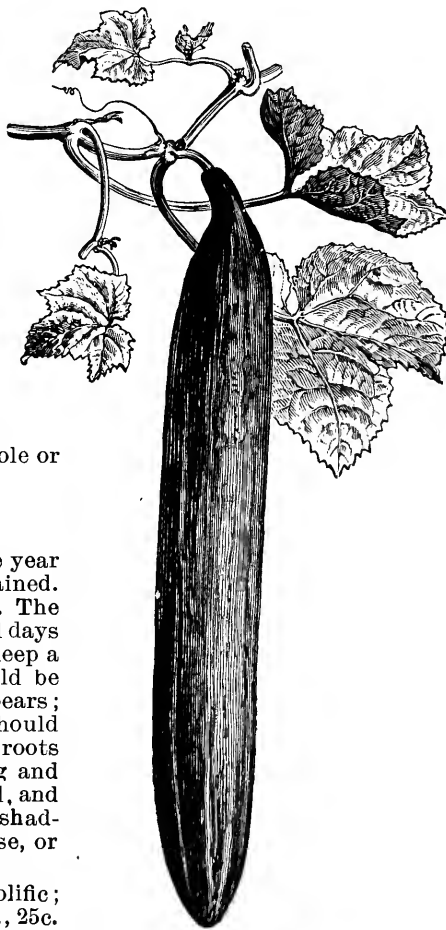
*Early White Spine.*

**Rollison's Telegraph.** Free bearing; average length of 20 inches; for summer or winter use; one of the finest sorts. Per pkt., 25c.

**Cuthill's Black Spine.** Very prolific; highly recommended. Per pkt., 25c.

**Lord Kenyon's Favorite.** Per pkt., 25c.

**Sion House.** Per pkt., 25c.



*Rollison's Telegraph Cucumber.*

## DANDELION.

One ounce will sow about 100 feet of drill.

**Culture.**—Sow in May, in drills 10 inches apart; thin out to three inches apart; cultivate during the season and in the following spring the plants will be fit for use.

**French Garden.** Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

## EGG PLANT.

One ounce will produce about 1,000 plants.

**Culture.**—Sow in a hotbed in February and March; when the plants are one and two inches high, transplant or thin out to two or three inches apart. When the weather is warm and settled, they may be planted out in a warm situation two feet apart each way.

**New York Improved Spineless.** Extensively cultivated for both market and family use; it grows to a large size; very prolific and fine flavored. Per pkt., 5c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00.

**Black Pekin.** Produces very handsome jet black fruit of superior quality. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## ENDIVE.

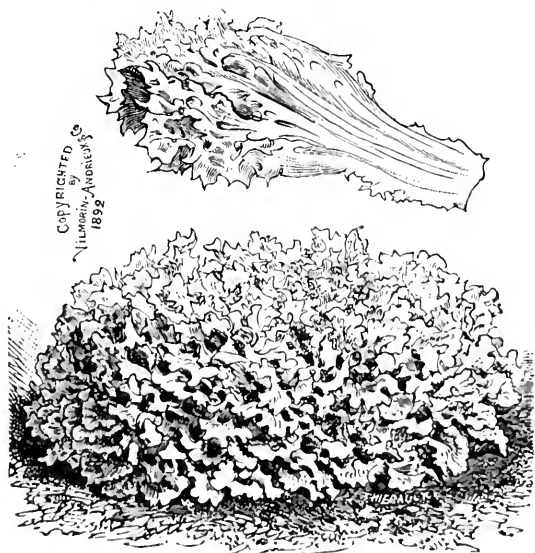
One ounce will sow 200 feet of drill.

**Culture.**—One of the most attractive of all autumn and winter salads. It is commonly known in restaurants as Chicorée, and is especially refreshing when served with lettuce with plain French dressing. Sow seed from middle of June till last of August. When the plants are fully grown tie all the outside leaves together over the heart to blanch the inner leaves, which will take about a week. Do not tie up when the leaves are wet, as they will then decay.

**Green Curled.** Very ornamental curled dark green leaves which blanch white and crisp. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Broad Leaved (Escarolle).** Produces heads of broad thick leaves, branches easily. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**White Curled.** For early use. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.



*Endive, Broad-Leaved.*

## KOHL-RABI.

One ounce will produce about 200 feet of drill.

**Culture.**—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cook the same as turnips; they will be found very tender and palatable. Sow in spring in rows of 18 inches apart, afterward thin away the plants to eight inches.

**Early White Vienna.** The earliest and best, for either market or family use. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Early Purple Vienna** Similar to the preceding, except in color, which is of a bluish purple. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.



*New York Improved Egg Plant.*

## HORSERADISH ROOTS.

Strong roots. Per dozen, 15c.; 100, 75c.

## KALE.

One ounce will produce about 300 plants.

**Culture.**—Sow in May in shallow drills, 10 or 12 inches apart; when large enough transplant singly in rows 24 inches apart each way.

**Dwarf Green Curled Scotch.** Very dwarf and spreading, one of the best. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; 1 lb., 75c.

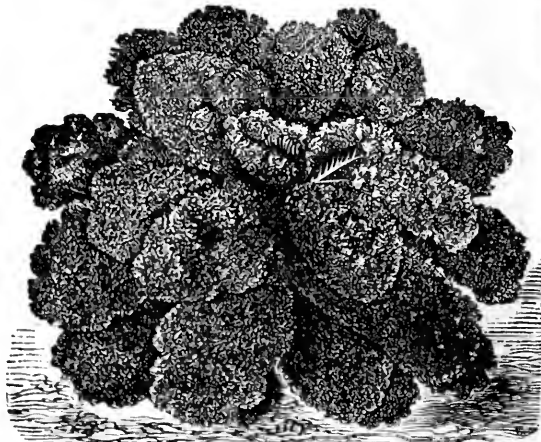
**Siberian Kale or Sprouts.** Should be sown in September and treated like spinach; it is fit to cut early in spring. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; 1 lb., 75c.

**Dwarf Brown Kale.** A beautiful curled variety, with spreading foliage, very hardy and of fine flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

## GARLIC.

One pound will plant 200 feet of drill.

**Culture.**—Garlic is used for a variety of flavoring purposes. Plant the sets six inches apart in rows one foot apart. As soon as the leaves have turned the crop is matured, and may be harvested like the onion. **Garlic sets**, per lb., 30c.



*Kale, Dwarf Green Curled Scotch.*

# LETTUCE.

One ounce will sow 150 feet of drill.

**Culture.**—Sow early in spring, in a hotbed; transplant in April for summer use. Again, sow from April at intervals in the open ground, and for winter and spring use, August and September. Protect by means of a cold frame during winter. When sown for cutting, the seed may be put in rather thick, in rows or broadcast; but to have finer heads, it should be sown thinly in rows, and transplanted a foot apart into rich soil.



*Curled Simpson Lettuce.*

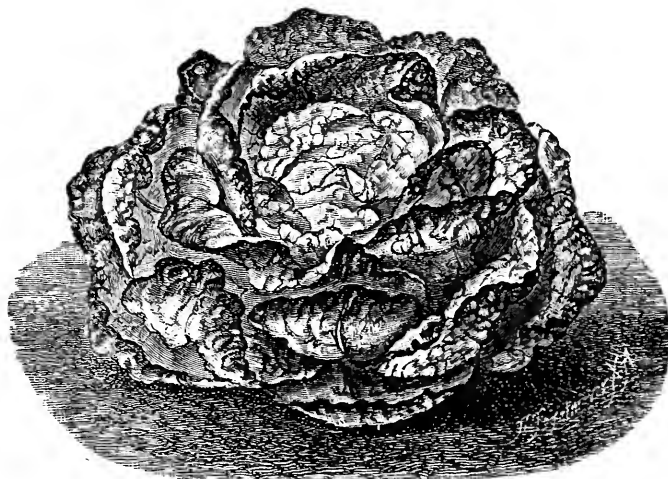
**New York.** This variety branches itself naturally, is crisp, tender, and of excellent flavor, and always free from bitterness. The outside color is distinct, being a clear, deep apple green, while on the inside the color is yellowish white. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Blonde Blockhead or Sunset.** This is a large-growing head lettuce, resisting the heat for a long time before running to seed. The heads are large, solid and crisp, of a golden yellow color. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Hubbard Market.** A large white cabbage variety, valuable for forcing or the open ground. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Curled Simpson.** An old standard variety, very early and tender. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Black-Seeded Simpson.** Nearly double the size of the ordinary Curled Simpson; stands the summer well. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.



*Big Boston Lettuce.*

**Denver Market.** The heads are large, solid, light green, beautifully curled like a Savoy cabbage, very crisp and tender. The heads are a little after the style of the Hanson, but more oblong. Delicate, tender and very superior. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Salamander Perfected.** An excellent summer variety, forming large-sized heads that stand the heat without injury longer than any other sort. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Big Boston.** A most desirable variety for forcing in cold frames or open-ground planting. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Boston Market.** Solid, crisp and compact; one of the best for forcing. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Boston Curled.** Of great beauty and superior quality. The fine, elegant frilling of leaves renders it highly ornamental. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Black-Seeded Butter.** A very tender and crisp variety of delicate flavor. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Mammoth Black-Seeded Butter Lettuce.** A large head lettuce of splendid quality; much lighter in color than the Big Boston. For early or late crop it has no equal; splendid market sort. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.

**Golden Stone Head.** Produces heads of medium size, of the best quality; as a forcing variety it is unequaled. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Mignonette.** A small, sturdy, russet-colored lettuce, distinct and unique. The entire plant measures only seven inches in diameter, and is more solid and compact than any existing variety. It is wonderfully hardy, and resists drought and excessive moisture. Per pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.



*White Paris Cos Lettuce.*

**Buttercup.** Yellow, solid, small heads; for forcing or outdoors. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.

**Grand Rapids Forcing.** Large, tender; one of the best for early forcing. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Silver Ball (Seed White).** A remarkable variety in that it is an excellent sort both for forcing and outdoor culture. The thick, light green leaves have so much sheen that they actually look silvery white in some lights, and the good-sized head is of excellent quality. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Golden Nugget.** Produces heads of medium size, of the best quality. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.

**Iceberg.** Large solid heads; very handsome, tender and crisp. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.

**Romaine White Cos.** It is of upright growth, and possesses a distinct, crisp and very refreshing taste. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Trianon Self-Closing Cos.** The finest of all the Cos sorts. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

## MARTYNIA.

One ounce will plant about 200 hills.

**Proboscidea.** Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## LEEK.

One ounce will sow about 100 feet of drill.

**Culture.**—Sow the seed very early, in a seed bed in a sheltered place, if possible. When plants are about six inches long, transplant them to trenches six inches deep, with very rich soil at the bottom. Fill up the trenches as the plants grow, and later draw soil up to them. As a result you will have fine, large leeks, blanched, half a foot long, which may be kept all winter if dug up with the roots on and stored in moist sand in the cellar.

**Large American Flag.** The largest and most desirable either for market or family use. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Large Carentan (Winter).** A very hardy variety of extra large size; the leaves are fan-shaped, of a dark green color; the edible stem is six to eight inches long and three inches in diameter. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Large Rouen.** Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.



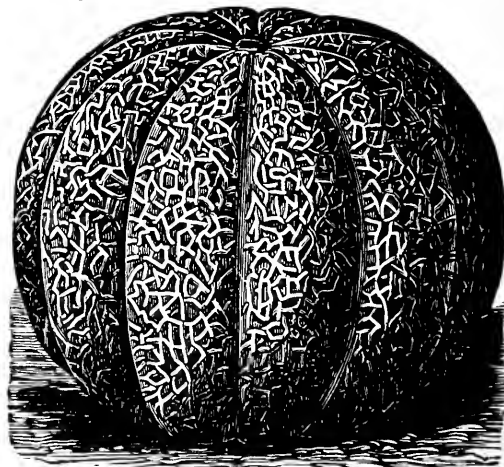
*Leek, Large American Flag.*

**Tip Top Melon.** The most productive melon known; good for early or late. Sweet, juicy, fine flavor; firm flesh and edible to the outside coating. (See description, front pages.) Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.

**Newport.** The Newport is a very early melon, ripening with the Jenny Lind, which it somewhat resembles. The flesh is of exquisite texture, rich and melting clear to the rind. It is a bountiful yielder, though the melons are not large, but for early family use, when delicious quality is the desideratum, we cannot too highly eulogize the Newport. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Rocky Ford.** An improved strain of the Netted Gem type, which has been grown on a very large scale and to a wonderful degree of perfection in Rocky Ford, Colorado. It is by far the most popular sort on the market, and commands higher prices than any other variety. It is very sweet and most delicately flavored, with exceedingly fine and smooth-grained flesh of a light green color. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.

**Long Island Beauty.** On style of Hackensack, but earlier and finer in quality, and the most beautiful muskmelon. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.



*Muskmelon, Early Hackensack.*

## ENGLISH FRAME VARIETIES

(IMPORTED SEED)

	Per Pkt.
Sutton's Invincible Scarlet Flesh	25 cts.
Blenheim Orange . . . . .	25 cts.
Eastnor Castle Green Flesh . . .	25 cts.
Sutton's Perfection Pale Green Flesh . . . . .	25 cts.

**Delmonico.** Oval, deeply netted, large size, orange flesh. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Extra Early Hackensack.** Large, round, and of fine quality; a standard variety. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Emerald Gem.** Small, extra early, smooth ribbed, dark green skin and orange flesh. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Montreal.** Very large, round, netted; flesh thick and light green. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Jenny Lind.** Small, but very early; green flesh. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Nutmeg.** Named from its shape; green flesh, fine flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Long Yellow Cantaloupe.** Standard sort; yellow flesh. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20 c.; lb., 60c.

**Paul Rose.** This new red-fleshed melon is exceedingly sweet and highly flavored, and in it are combined all the good qualities of the Netted Gem and Osage, the varieties from which it originated. Per pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

# WATERMELON.

One ounce will plant about 50 hills.

**Culture.**—Treat the same as muskmelon, except that they should be planted eight or 10 feet apart, according to variety.

**Jordan's Gray Monarch.** A magnificent variety of long oval shape, attaining a tremendous weight under favorable conditions. The outer color is mottled gray. The flesh is of a brilliant rosy red in color, of excellent, fine texture, thoroughly melting and of most delicious flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

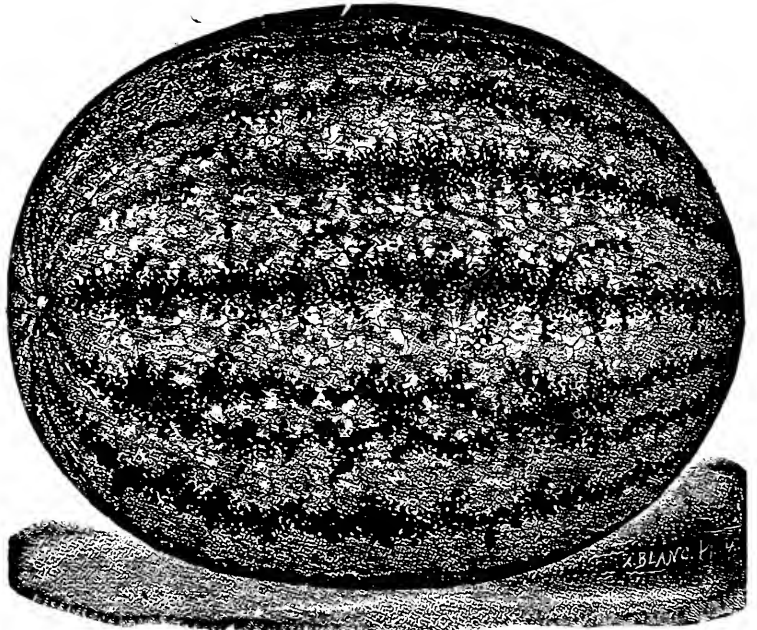
**Cole's Early.** A most delicious and productive variety for the family garden, succeeding in Northern States, where melons were never matured before. The flesh is of a beautiful bright red color, crisp, and extremely delicate in texture—that granulated, cool, sparkling appearance that is so captivating to the eye; in flavor it is lusciously sweet and refreshing, no pithiness or stringiness. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Hungarian Honey.** Fresh, brilliant red, very small seeds; well adapted for Northern localities. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Mammoth Ironclad.** A large size; flesh deep red and of rich flavor, holding its fine quality very close to the skin. For shipping and keeping it is unsurpassed. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.

**Sweetheart.** A perfected form of the old Ice Cream, possessing all of its good qualities and producing fruits much larger and handsomer in appearance and of most delicious flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Kolb's Gem.** Largely grown in the South for shipment to Northern markets; it has no equals as a shipping melon; the fruit is nearly round; rind dark green, somewhat marbled with lighter shades. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

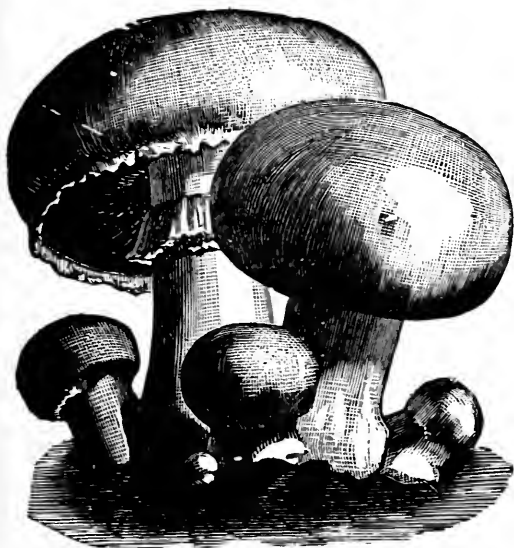


*Kolb's Gem Watermelon.*

**The Boss.** Oblong in shape; dark green skin; flesh deep scarlet; early, heavy, productive and good shipper. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Black Spanish.** A sweet and delicious variety; fruit round, of large size; skin blackish green; scarlet flesh. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Citron.** Round and handsome; used for preserves. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.



*Mushroom Spawn.*

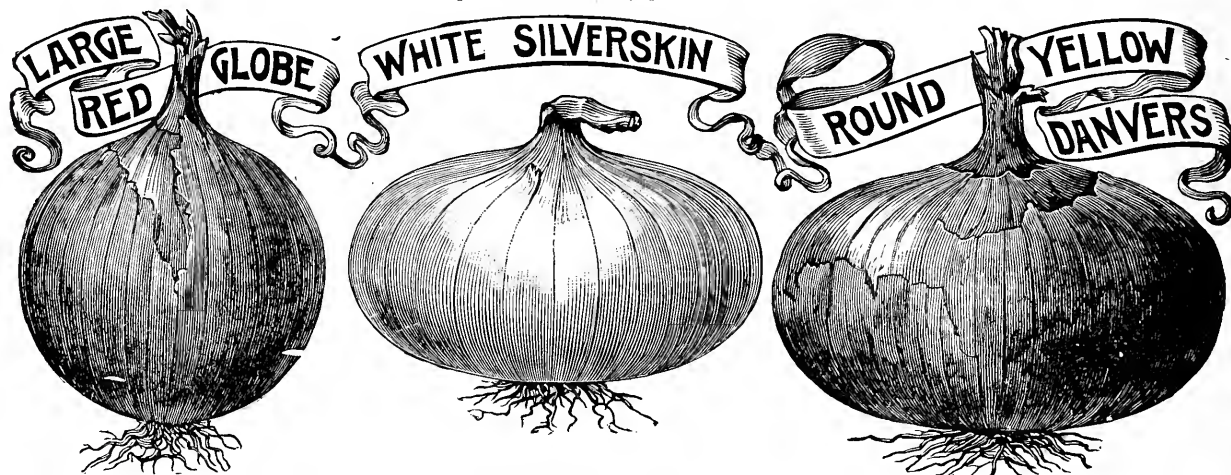
## MUSHROOM SPAWN.

Ten lbs. will spawn 10 feet square.

**Culture.**—Mushrooms are easily grown, with a little care and attention, under a square shed, portion of a cellar, or any dark, dry place. Collect a quantity of fresh horse droppings, throw them into a heap, leaving it until it commences to ferment, then turn it over and mix it up well, and place it where you intend to make the bed; spread it regularly about 18 inches thick, tread firmly and level the surface, then apply the soil about three inches in thickness all over the bed. Leave this to heat for a few days, and as soon as the heat drops to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn about the size of an egg; fill up the holes with the compost. Beat the surface level, afterward keep it dry, and the mushrooms will make their appearance in about five or six weeks. When the first crop has been taken give the bed a good watering, leaving it as before, when they will again make their appearance. Beds can be made at any time of the year, and as one declines another should be made, to keep a constant supply. The spawn should be kept in a cool, dry place. When gathering, remove the stalks; do not cut them or they will rot and breed maggots.

**English Spawn** . . . . . per lb., 12c.; 10 lbs., \$1.00; 100 lbs., \$9.00

**French Spawn** . . . . . per 2-lb. box, 75c.



## ONIONS.

One ounce will sow about 100 feet of drill.

**Culture.**—Sow as soon as the frost is out of the ground in spring, in drills one inch deep and 12 inches apart; thin out to two or three inches. For onions the ground requires to be well manured.

**Large Red Globe Southport.** Matures quite early; grows to a large size; skin deep red, flesh fine grained, mild and tender. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Large Yellow Globe.** Similar to the White Globe Onion, except in color. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

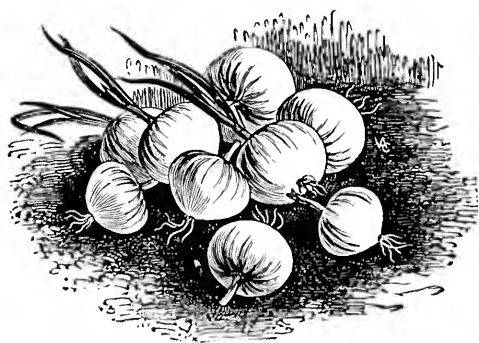
**Yellow Globe Danvers.** Of more globular shape than the preceding; splendid keeper. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Yellow Danvers.** A standard sort; early and a good keeper. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Large Red Wethersfield.** Large size and fine form; skin deep purplish red, flesh purplish white; moderately fine grained and stronger in flavor than the yellow or white onions; very productive and an excellent keeper. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**The Australian Brown Onion** is of medium size, wonderfully hard and solid, **extremely early** in ripening, and *never makes any stiff-necks or scallons*. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly—when the plant is not over three inches high. Planted with the *Red Wethersfield*, it proved to be *nearly four weeks earlier* and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it **will keep in good condition longer than any other onion known**. The color of the skin is a clear amber-brown. Per pkt., 5c.; oz., 25c.; lb., 85c.

**Adriatic Barletta.** A very early, small, pure white sort; flesh firm and mild in flavor. For pickling purposes it has no equal. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.



*Adriatic Barletta Onion.*

### ONION SETS.

Plant onion sets and tops near the surface in drills 12 inches apart and four inches in the rows. They require the highest culture to obtain the best results.

<b>Red Onion Sets</b>	per qt., \$0 20	<b>White Potato Onions</b>	per qt., \$0 20
<b>White Onion Sets</b>	" 25	<b>Yellow Potato Onions</b>	" 20
<b>Yellow Onion Sets</b>	" 20	<b>White Multiplier Onions</b>	" 30
<b>Red Top Onions</b>	" 20	<b>Shallots</b>	" 30

## MUSTARD.

One ounce will sow 75 feet of drill.

As an ingredient, the green mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hot-bed in March, and for general crop at frequent intervals through the spring, in drills from eight to 12 inches apart.

**Black or Brown.** An esteemed sort for culinary use. Per oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 25c.

**Giant Southern Curled.** Very large leaves. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.

**White London.** The best variety for salads; the seed is also used medicinally and as a seasoning for pickles. Per oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 25c.

**NEW CHINESE.** Leaves twice the size of the ordinary white mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## PARSLEY.

One ounce will sow about 150 feet of drill.

**Culture.**—Parsley requires a rich, mellow and deep soil. Soak the seed for a few hours in tepid water, and sow early in the spring in drills one foot apart and half an inch deep. Thin out the young plants to four inches. Hamburg parsley should be treated the same as carrots.

**Extra Double Curled.** Standard market sort. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Extra Moss Curled.** Very beautiful. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Fern-Leaved.** Finest garnishing variety. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Plain.** The ordinary form. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**Hamburg, or Rooted.** Edible roots. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



*Fern-Leaved Parsley.*

## PARSNIP.

One ounce will sow about 200 feet of drill.

**Culture.**—Sow as early in the spring as the ground can be worked, in drills, 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deeply dug. The quality of the roots is much improved after a severe frost; in fact, they may be allowed to remain in the ground throughout the winter, as they are perfectly hardy.

**Hollow Crown.** The finest variety grown; long, smooth and milky white. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Early Round.** Adapted to shallow soil. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

## PEPPER.

One ounce will produce about 200 plants.

**Culture.**—Sow in hotbed in March or in the open ground in April; transplant in rows 20 inches apart each way. The seed may be sown in the open ground after all danger of frost is past.

**Long Red Cayenne.** Fruit about four inches long, bright red color; very productive. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25.

**Cherry Red.** Small round fruit, rich scarlet color, and extremely piquant. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Chili.** Very piquant and prolific, small, slim fruit. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Large Bell, or Bull Nose.** A large early variety of pleasant flavor. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



*Cayenne Pepper.*

**Ruby King.** Fruit bright ruby-red. The flavor is so mild and pleasant that it can be sliced and eaten like cucumbers or tomatoes. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Golden Dawn.** Bright golden yellow; very productive. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Sweet Spanish.** One of the largest and earliest. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Sweet Mountain.** Similar to the Bull Nose, but larger, sweeter and of milder flavor. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25.

**Bird's Eye, or Creole.** Very small red fruit, used in the manufacture of Tabasco sauce. Per pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.

**Red Cluster.** Bears a profusion of red clusters of very thin, pungent peppers in an upright position. It forms a small, compact plant about a foot high. A single plant has been known to produce a thousand peppers. Per pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

## OKRA, or GOMBO.

One ounce will sow about 100 feet of drill.

**Culture.**—Sow in the second or third week in May, if the weather is settled and warm, in drills, one inch deep and four feet apart; thin out to 12 inches.

**Long Green.** Long ribbed pods, very productive. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50 c.

**Dwarf Green.** Very dwarf habit; exceedingly productive. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**White Velvet.** Very distinct in appearance; pods are perfectly round, smooth and of a white velvety appearance and of superior flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.



*Pepper, Sweet Mountain.*

# PEAS.

One quart will plant 100 feet of drill.

**Culture.**—For early crops sow as early in spring as practicable, and again every two or three weeks for a succession throughout the season up to the first of August. Plant in single or double rows, four feet apart and two inches deep. In dry weather soak the peas over night before planting. In the vicinity of New York the Extra Early Peas, if planted from the 15th to the last of August, will produce a medium crop for late picking, when they will be found most acceptable.

Varieties marked \* are wrinkled narrows, and should be sown thicker than the round peas, and not until the ground has become warm, as they are more liable to rot. All wrinkled sorts are much superior in flavor to the round peas.

## EXTRA EARLY PEAS.

**First of All.** Standard, extra early sort, productive and fine flavor. Height, 2½ feet. Per pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25.

\***Gradus.** The pods of this new and most valuable sort are as large as those of Telephone, and fit for use as soon as First of All. The peas are large, handsome and of fine quality. (See front pages for description.) Per pkt., 10c.; pt., 30c.; qt., 50c.; peck, \$2.50.

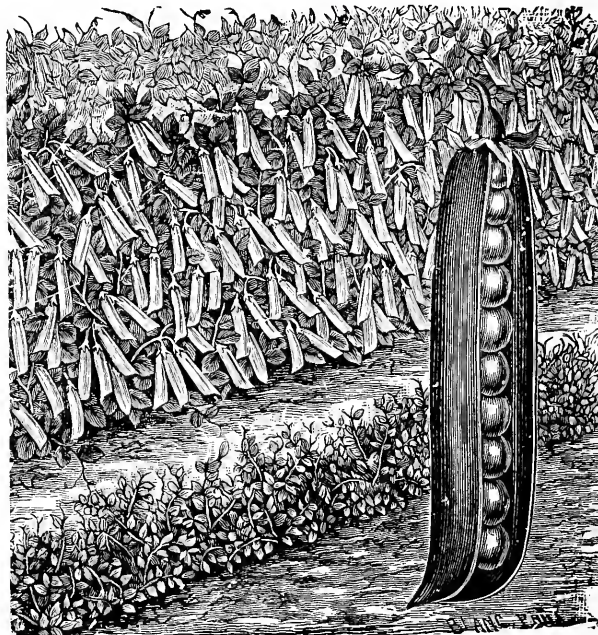
**Small Early French.** The true small French Pea, so largely used in France for canning. Height, 4 feet. Per pkt., 10c.; pt., 15c.; qt., 35c.; peck, \$1.50.

\***Alpha.** The earliest wrinkled pea. Height, 3 feet. Per pkt., 10c.; pt., 15c.; qt., 30c.; peck, \$1.50.

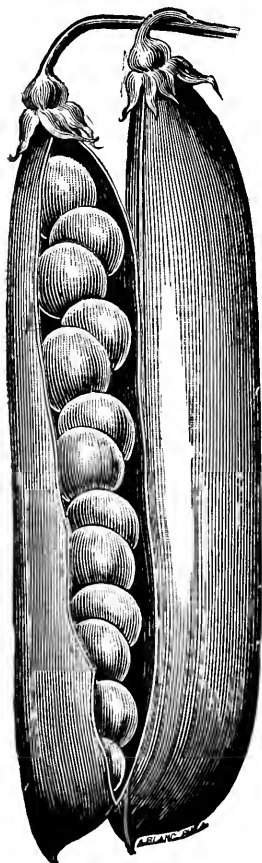
\***Exonian.** An extra early new wrinkled narrow pea. Per pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.75.

\***Nott's Excelsior.** A splendid extra early wrinkled new sort; very prolific. Per pkt., 10c.; pt., 15c.; qt., 30c.; peck, \$1.75.

**Duke of York.** Very large, long full pods, and peas of finest flavor. Per pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.50.



First of All Pea.



Alpha Pea.

	pkt.	pt.	qt.	peck.
<b>Alaska.</b> A very early blue pea, very uniform in growth . . . . .	\$0 10	\$0 15	\$0 25	\$1 25
* <b>American Wonder.</b> Extra early, fine flavor and productive. Height, 1 foot . . . . .	10	15	30	1 75
* <b>McLean's Little Gem.</b> Extra early, straight pods, very prolific, and of excellent flavor. Height, 1½ feet . . . . .	10	15	30	1 50

## MEDIUM EARLY PEAS.

* <b>Abundance.</b> This variety is remarkable for branching directly from the roots. Excellent quality. Height, 3 feet . . . . .	10	15	25	1 25
* <b>McLean's Advancer.</b> A standard market sort, long pods, well filled, excellent quality. Height, 2½ feet . . . . .	10	15	25	1 25
* <b>Horsford's Market Garden.</b> A wrinkled variety coming in between Little Gem and Advancer. It is very prolific, yielding more per acre than any other American pea. Excellent quality. Hgt., 2 ft. . . . .	10	15	25	1 25
* <b>Everbearing.</b> Produces very long pods and large peas. Sow thin. Height, 3½ feet . . . . .	10	15	25	1 25
* <b>Duke of Albany.</b> Immense pods; first-rate quality. Height, 5 ft. . . . .	10	15	30	1 50
* <b>Heroine.</b> Enormously productive; pods large, long, slightly curled, pointed pods, containing from nine to 10 large peas of the finest quality. Height, 2½ feet . . . . .	10	15	30	1 50
* <b>Champion of England.</b> Acknowledged to be the best of the tall-growing late varieties; the pods and peas are of the largest size and excellent quality. Height, 5 feet . . . . .	10	15	25	1 25
* <b>American Champion.</b> One of the largest of all peas; enormously productive, and its flavor and quality closely approach that of the well-known Champion of England. Height, 4½ feet . . . . .	10	15	30	1 50

## LATE OR MAIN CROP PEAS.

* <b>Telephone.</b> A tall wrinkled narrow, enormously productive, and of fine quality. The pods are of the largest size and contain from six to seven large peas. Height, 4½ feet . . . . .	10	15	30	1 50
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**PEAS—Continued**

**Juno.** One of the best peas in cultivation. It has a robust vine and stout, straight pods, usually borne in pairs. The pods are very thick, broad-backed all the way up, and filled from the stem to the lips with seven to nine sweet, delicious dark green peas of immense size. Height, 2 ft. Per pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25.

**Black-Eyed Marrowfat.** Hardy and prolific. Height, 3 ft. Per pkt., 10c.; pt., 15c.; qt., 20c.; peck, 75c.

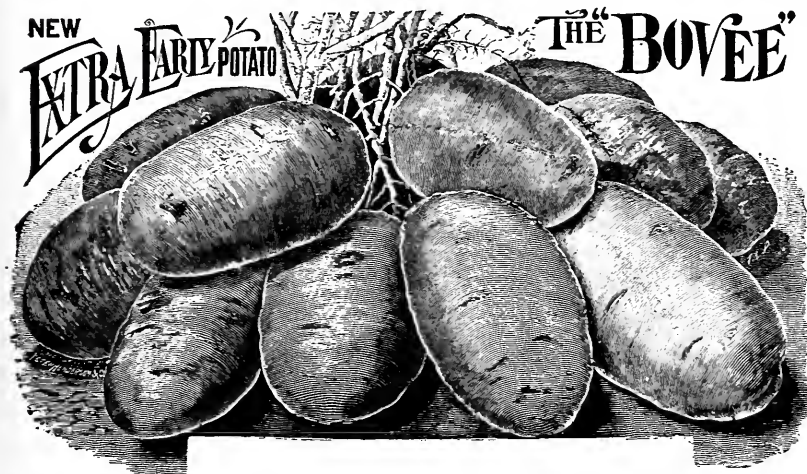
**EDIBLE PODDED OR SUGAR PEAS.**

**Tall Gray Sugar.** Produces a profusion of large, broad pods, which are so brittle that they snap without any string. It should be used in much the same way as a string bean. The pods when cooked are sweet and tender. Height, 5 ft. Per pkt., 10c.; pt., 40c.; qt., 75c.

**Melting Sugar.** It is unusually dwarf. The pods are large, remarkably tender, and of a delicious flavor. Unquestionably the finest Sugar Pea ever introduced. Height, 1 ft. Pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.75.

**POTATOES.**

Two bushels cut tubers will plant one acre.



**New Extra Early Potato, the Bovee.** The earliest of all and a great cropper. It is even earlier than Early Ohio, and compares favorably with Triumph, a light-cropping variety that has only extreme earliness to recommend it, while the Bovee in all competitive trials has outyielded all the early potatoes, and in many of the tests conducted by experiment stations and private growers it has outyielded even the late varieties, including such heavy cropping kinds as Carmen No. 1, Empire State, Rural New Yorker No. 2, Irish Daisy, Maggie Murphy, Great Divide and others. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close up to the vine. Per peck, 85c.; bush., \$2.50; bbl., \$4.50.

**Early Norther.** Several days earlier than the Early Rose, and equally prolific; a most desirable sort. It is a strong, vigorous grower, and the potatoes are bunched well together in the hills. In shape it resembles the Early Rose; the eyes are few and shallow. Its table qualities cannot be excelled, cooking dry and floury, whether baked or boiled. Per peck, 70c.; bush., \$2.00; bbl., \$3.75.

**Early Puritan.** One of the most valuable early varieties, entirely distinct from all other early sorts, the skin being nearly pure white. It cooks dry and floury, and is unequalled in quality. Per peck, 70c.; bush., \$2.25; bbl., \$4.00.

**Early Rose.** A standard variety, early, productive and of excellent quality. Per  $\frac{1}{2}$  peck, 40c.; peck, 70c.; bush., \$2.00; bbl., \$3.75.

**Carman No. 1.** Largest size, handsome form, greatest yielder, finest table quality. Per  $\frac{1}{2}$  peck, 50c.; peck, 75c.; bush., \$2.00; bbl., \$3.75.

**Beauty of Hebron.** Slightly flesh-colored skin, with pure white flesh; one of the most popular earlier varieties. Per  $\frac{1}{2}$  peck, 40c.; peck, 70c.; bush., \$2.00; bbl., \$3.75.

**Rochester Rose.** Of recent years the Early Rose has not done well in some sections. The Rochester Rose, which we now offer, is a seedling of the Early Rose, and is an improvement in every respect. It will average larger in size, is not quite so early, and is a much heavier yielder. Per peck, 60c.; bush., \$1.75; bbl., \$3.25.

**New Queen.** In shape and color resembling White Elephant; fine quality. Per  $\frac{1}{2}$  peck, 40c.; peck, 60c.; bush., \$1.75; bbl., \$4.00.

**PUMPKIN.**

One ounce will plant 50 hills.

**Culture.**—Plant in April or May, among corn or in the garden, in hills eight or 10 feet apart, and otherwise treat in same manner as melons.

**Large Cheese.** The best for table purposes. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

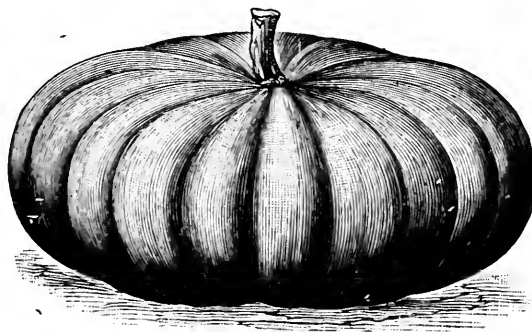
**Jumbo.** Largest variety grown, often attaining a weight of 200 lbs. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.

**Cushaw.** Resembling the Winter Crook Neck Squash; color white, striped and mottled with green. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Large Tours, or Mammoth.** Grows to an immense size, often weighing over 100 lbs. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Calhoun.** Very fine. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Connecticut Field.** Grown for stock purposes. Per oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 25c.



Large Cheese Pumpkin.

# RADISH.

One ounce will sow about 100 feet of drill.

**Culture.**—Sow for early crops in March, in hotbed, and in April and May in a warm border, and continue throughout the season in fortnightly sowings, in drills an inch deep and a foot apart.

## EARLY TURNIP VARIETIES.

**Scarlet.** Very early. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Scarlet Forcing.** Crisp; matures in 20 days. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Scarlet White-Tipped.** Fine for early forcing in frames or outdoors. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Scarlet White-Tipped Forcing.** Per oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Non Plus Ultra.** Extra early Scarlet Forcing variety. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Early Scarlet Globe.** Of distinct shape, brilliant color, short-leaved; crisp and white; an excellent variety for forcing. Per pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.

**Yellow Summer.** Splendid variety; stands heat and drought well. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Large White Summer.** Large size and fine form; excellent for summer use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

## OLIVE-SHAPED VARIETIES.

**Scarlet.** Flesh bright and crisp. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**French Breakfast.** A favorite sort, mild and crisp. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**White.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

## LONG VARIETIES.

**Scarlet Short Top.** Very long and crisp. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Scarlet Chartier White-Tipped.** The color at the top is crimson, running into pink about the middle, and from thence downward is a pure white. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**White Strasburg.** Shape tapering; skin and flesh both white; excellent summer variety, being tender, crisp and of fine flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Giant White Stuttgart.** Medium early, large and heavy; pure white throughout; very tender and delicious flavor. A very popular sort. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

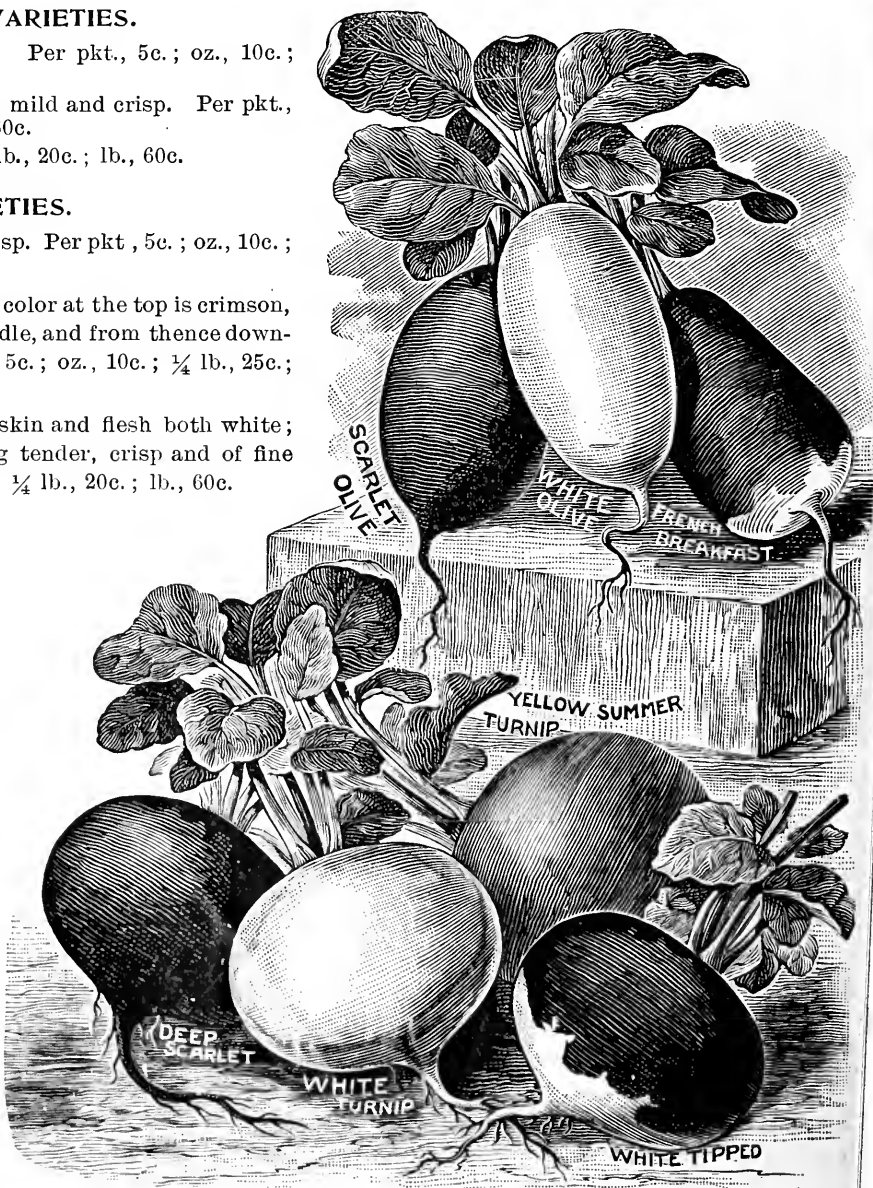
## WINTER RADISHES.

**Rose China.** Bright rose color; flesh firm and piquant; fine for winter use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Long Black Spanish.** The popular winter sort. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Round Black Spanish.** Fine for winter use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Half Long Black Spanish.** A fine market gardeners' strain. Flesh white and crisp; fit to use early in the fall. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



## RHUBARB.

One ounce will produce about 1,000 plants.

**Culture.**—Sow early in spring, in drills one inch deep and a foot apart; thin out; transplant the following season four feet apart each way. The ground should be drenched and well manured.

**Linnaeus.** Early, large and tender. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Victoria.** Very large, somewhat later than Linnaeus. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Rhubarb Roots.** Each, 10c.; per doz., \$1.00.

## SALSIFY, or VEGETABLE OYSTERS.

One ounce will sow about 50 feet of drill.

**Culture.**—Sow the seed early in spring, in drills 12 inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

**Mammoth Sandwich Island.** Tender and delicious. Superior to all other sorts. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

## SCORZONERA.

One ounce will sow about 50 feet of drill.

**Culture.**—Cultivate the same as salsify. The roots should not be scraped, but simply washed, boiled tender, then peeled and served like asparagus. Pkt., 5c.; oz., 50c.;  $\frac{1}{4}$  lb., 85c.

## SEA-KALE.

One ounce will produce about 300 plants.

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart.

**Sea-Kale.** Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## SORREL.

One oz. will sow about 100 feet of drill.

**Culture.**—Sow early in the spring in drills six to eight inches apart.

**Garden.** Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

## SPROUTS.

One oz. will plant about 150 feet of drill.

**Culture.**—Sow in drills one inch deep, and treat the same as kale.

**Spring Sprouts, or English Rape.** Qt., 25c.

**Winter, or Siberian.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

## SQUASH.

One oz. early squash will plant about 25 hills. One oz. of Marrow squash will plant about 50 hills.

**Culture.**—The squash succeeds best in good rich soil. It is not advisable to plant before May 15. Sow in hills in the same manner as cucumbers and melons.

**Early White Scallop Bush.** A very early and white market variety. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Early Yellow Scallop Bush.** Similar to the preceding except in color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Early Mammoth White Bush.** An improvement on the Early White Scallop Bush. Very large. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

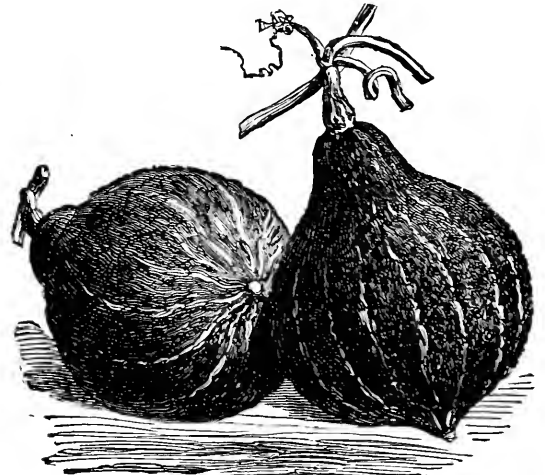
**Early Summer Crook Neck.** A very fine early summer variety. Fruit is yellow, fine flavor and productive. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Golden Custard.** Mammoth strain of the Early Yellow Scallop Bush. Golden yellow flesh, quality excellent. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Perfect Gem.** Round, white, very productive, and of fine quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Boston Marrow.** Medium early; oval in shape; yellow flesh, and of most excellent quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Marblehead.** Resembles the Hubbard, but has gray skin. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



Hubbard Squash.

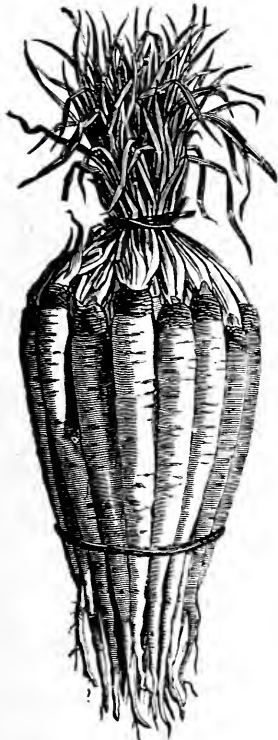
**Hubbard.** Finest of all the late-growing varieties. Bluish green color, occasionally marked with brownish orange. Will keep from September to May. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Pineapple.** The skin and flesh are of a pure creamy white color, fine-grained, and of excellent quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Mammoth Chili.** Grows to an immense size, often weighing 200 lbs.; rich orange-yellow. Per pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Winter Crook Neck.** Splendid for winter; flesh close-grained, sweet and of fine flavor. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Vegetable Marrow.** A favorite English and Canadian sort; oblong, from nine to 18 inches in length. Flesh white, soft and very delicious. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

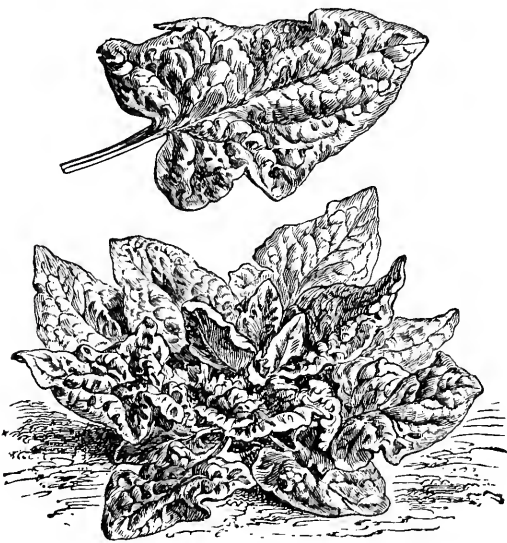


Salsify.

## SPINACH.

One ounce will sow about 100 feet of drill.

**Culture.**—Sow in March or April in drills one inch deep and 14 inches apart, again in August and September. Spinach delights in very rich soil—in fact, it is of no use sowing in a poor one.



*Long Standing Spinach.*

**Bloomsdale Savoy-Leaved.** A valuable variety with wrinkled leaves, resembling the Savoy cabbage; hardy and prolific. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Large Thick-Leaved.** Fine market sort. It produces a large, thick leaf and stands for a long time before running to seed. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Round-Leaved.** One of the best for market or family gardens. Per pkt. 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Large Thick-Leaved Viroflay.** A fine selection of the old lettuce-leaved spinach. Excellent for summer use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Long Standing.** A distinct variety, standing from two to three weeks longer than any of the other sorts without going to seed in this climate. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Prickly.** Hardy and productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**New Zealand.** Produces leaves in great abundance throughout the summer; it should be transplanted two by three feet. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Victoria.** New extra dark black-green color. Two or three weeks later than the ordinary Long Standing. A fine variety for spring sowing. Per pkt., 5c.; oz., 10c.; lb., 35c.

## SWISS CHARD.

One ounce will sow about 100 feet of drill.

**Culture.**—This is a beet producing only leaves, and is excellent used as greens. Considered by many much superior to either spinach or beet-tops as greens. Sow the seed as early as the ground can be worked, in drills, about a foot apart. As it grows, thin out for use.

**Swiss Chard.** Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

## TOMATO.

One ounce will produce about 1,000 plants.

**Culture.**—The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be transplanted in another hotbed and planted four inches apart, or planted in four-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground three feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stakes.

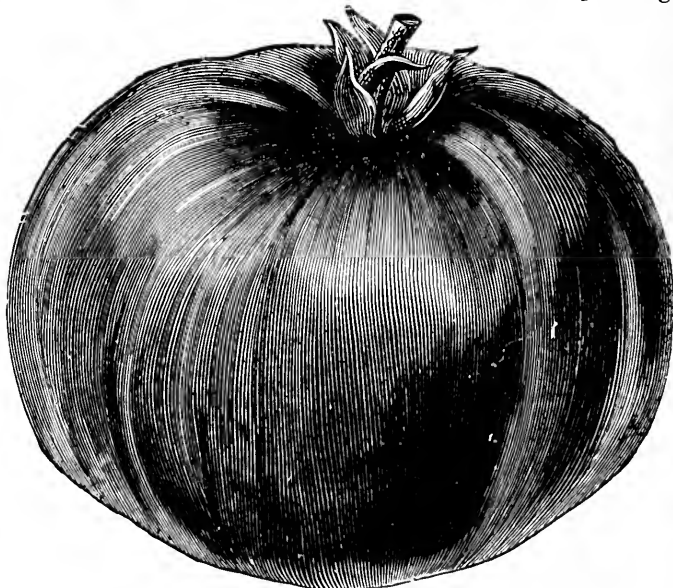
**Mikado.** Distinct foliage; one of the earliest. Fruit very large, smooth, solid and of excellent quality. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Ponderosa.** The largest variety in cultivation. Per pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.50.

**Early Ruby.** Extra early; good form, rich crimson color, very solid; fine market sort. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Magnus.** A distinct new variety. The handsomest tomato in cultivation. (For complete description see front pages.) Per pkt., 10c.; oz., 50c.

**Crimson Cushion.** The Crimson Cushion is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to blossom end; in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The flesh is firm and "meaty," and of superb quality. Per pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.50.



*Tomato, Stone.*

**TOMATOES—Continued.**

**Lorillard** Bright, glossy red, smooth; of fine flavor and very early. The best variety to be grown under glass. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 75c.

**Perfection.** Smooth, productive and a good shipper. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**Dwarf Champion.** Distinct in foliage and habit of growth, being compact and upright; fruits early; medium size, and resembles the Acme in appearance. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Beauty.** Large, smooth pinkish red; thick flesh, regular form. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**Stone.** One of the best. It is very large, perfectly smooth, and of a bright scarlet color. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**Acme.** Early, of medium size, perfectly smooth, very solid and productive. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**Trophy.** Improved. A standard variety. Very solid, smooth and excellent in every respect. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Favorite.** Large and most perfect shape; productive and a good shipper. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

**Atlantic Prize.** The earliest of all; smooth, bright red and of good size. Per pkt., 5c.; oz., 25c.

**Honor Bright.** Rich, bright red; long keeper and fine shipping sort. Per pkt., 5c.; oz., 30c.

**Golden Trophy, Large Yellow.** It has all the good qualities of the best red varieties, and is of a golden yellow color; useful for slicing and mixing with red varieties for table use. Per pkt., 5c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.

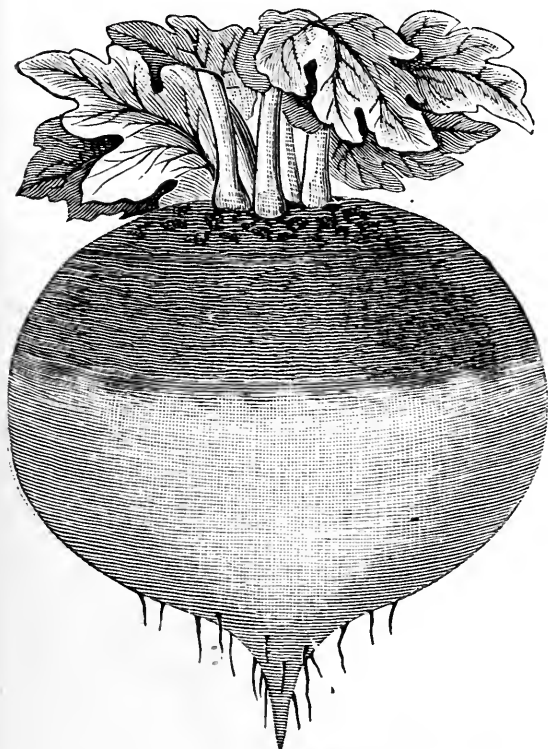
**Yellow Cherry.** Produces in bunches; used in pickles. Per pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**Strawberry.** Small fruit, borne in clusters; used for preserves. Per pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.



Acme Tomato.

**TOMATO PLANTS, 25 cts. per dozen; \$1.50 per 100.**



Yellow Aberdeen.

**TOBACCO SEED.**

**Connecticut Seed Leaf.** The popular sort, used for cigar wrappers. Per pkt., 10c.; oz., 25c.

**Imported Havana.** Per pkt., 10c.; oz., 25c.

**TURNIP.**

One ounce will sow about 150 feet of drill.

**Culture.**—Sow in spring, and again in July and August in drills half an inch deep and 18 inches apart; thin out to six inches in the row. Sow Ruta-Bagas in June and July in drills two feet apart each way; thin out to nine inches in the row.

**White Egg.** Shape nearly oval, flesh firm, smooth white skin; mild and very sweet. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Early Snowball.** Small, solid, crisp and sweet; one of the best for table use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Purple Top Munich.** One of the earliest varieties. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Red Top Strap Leaf.** A standard sort, extensively grown for market and private use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 40c.

**Red Top Globe-Shaped.** Standard sort in the New York market. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 40c.

**TURNIPS—Continued.**

**Yellow Stone.** One of the best yellow-fleshed sorts for table use.

Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Golden Ball.** Splendid form, bright yellow color; fine keeper; unsurpassed for table use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Long White, or Cow Horn.** A quick-growing, long-shaped variety; flesh fine-grained and sweet; excellent for table use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Early Purple-Top Milan.** Earliest of all purple-top turnips. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Yellow Aberdeen.** A very hardy and productive variety of fine form and excellent quality. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**RUTA-BAGA (RUSSIAN OR SWEDISH TURNIP).**

**Improved American.** A yellow-fleshed, purple-top variety, grown either for stock or table use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Long Island Improved.** The best variety offered. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

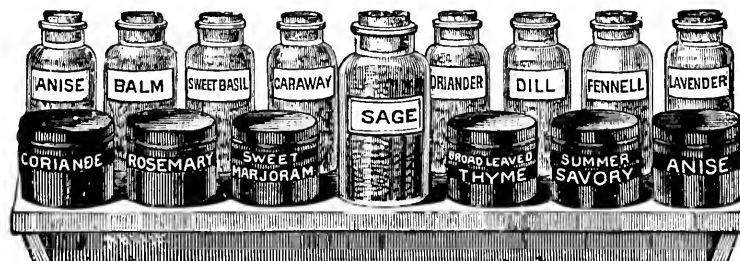
**Long White French.** A delicate flavored variety; an excellent keeper and fine for table use. Per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 60c.

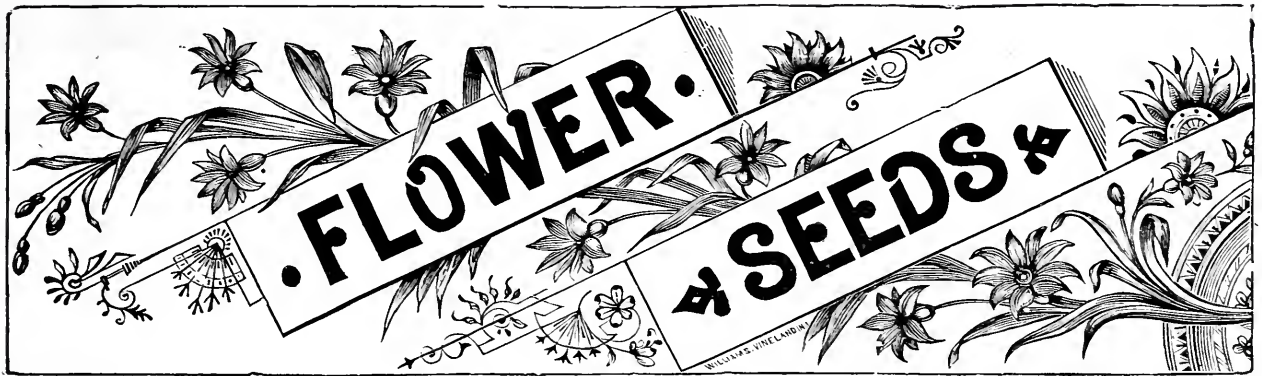


*Ruta-Baga—Improved American.*

**HERBS.****SEEDS OF SWEET, POT AND MEDICINAL.**

	Per pkt.	Per oz.	Per $\frac{1}{4}$ lb.	Per lb.
<b>Anise.</b> For garnishing and seasoning	\$0 05	\$0 10		
<b>Balm.</b> Used for balm tea or balm wine	05	30		
<b>Basil, Sweet.</b> Used for highly seasoned dishes	05	20		
<b>Bene.</b> A medicinal plant	05	20		
<b>Borage.</b> Leaves used for salads	05	15		
<b>Caraway.</b> Used for flavoring	05	10		
<b>Coriander.</b> Used chiefly for garnishing	05	10		
<b>Dill.</b> Used to flavor soups, etc	05	10	\$0 25	\$0 60
<b>Fennel.</b>	05	10	25	
<b>Forehound.</b> Useful tonic properties	05	20		
<b>Hyssop.</b> For medicinal purposes	05	15		
<b>Lavender.</b> A popular aromatic herb, emitting a delightful perfume	05	20	60	
<b>Marjoram, Sweet.</b> Popular for seasoning	05	20	60	
<b>Rampion.</b> The roots and leaves are excellent as salad	05	30		
<b>Rosemary.</b> An aromatic herb	05	20		
<b>Rue.</b> Has medicinal qualities	05	20		
<b>Saffron</b>	05	20		
<b>Sage.</b> The leaves and tender tops are used in stuffing and in sauces	05	15	50	1 50
<b>Savory, Summer.</b> Used for seasoning	05	15	40	
<b>Tarragon (Esdragon).</b> True. Used for seasoning	25			
<b>Thyme, Broad-Leaved.</b> For seasoning; also useful as a bee food	05	35	1 00	
<b>Winter Savory</b>	05	20		
<b>Wormwood</b>	05	35		





## HOW TO SOW FLOWER SEEDS.

**T**HE interest attached to the raising of plants from seeds, whether of old-established favorite or others of a more recent introduction, is well known to all who have attempted it; therefore the following practical directions cannot fail to prove of value to amateur cultivators.

Take boxes from three to five inches deep, filled to within half an inch of their tops with a light, sandy soil, sifted fine; sprinkle the seeds on top and cover lightly, according to the kind, the coarser the seed, the more soil being required. Then press the soil lightly with a flat piece of wood or trowel; water with a sprinkler or with a very fine spray. Place your boxes in a light, sunny place, covering them with a piece of glass, or, if too early in spring, place them in the house in front of the window where the sun's rays can reach them. When the tiny little plants have as many as four or five leaves, transplant them into larger boxes or pots containing a somewhat richer soil, two inches apart each way. When the weather becomes warm and you are prepared to arrange your garden, transplant to places where you want them to grow and bloom. These directions refer principally to small seeds, but may be followed with all kinds, as they point out the surest way to raise plants from the seeds.

All hardy Annuals and some Perennials will succeed well if sown in the open air about the end of April or the beginning of May. In this case one more important point must be observed, that of "thinning out" the plants in their earlier stages; for if the young plants are allowed to remain in a crowded state they will soon spoil each other, and therefore must be thinned out. This should be done cautiously at first, only enough to give the remainder a clear space, and again when two or three inches high. The number of plants finally left must depend on the size and habit of the species; if large and spreading, single plants are best, otherwise two or three may remain an equal distance apart; if small and spreading or trailing, two or three more may be left, but they should be six inches apart.

In transplanting, care must be taken: lift the plants carefully by the use of a garden trowel, retaining as much soil to the roots as possible. This should be done in wet or cloudy weather, and if the ground is dry a good soaking with water before and after planting is advisable.

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## Hints Regarding Watering Plants and Bulbs.

During dry weather it is necessary frequently to water lawn and garden plots. The water used for such purposes should never be colder than the atmosphere. Young plants and bulbs when chilled with *cold water* generally droop and die from the shock.

A good plan is to keep a cask in your garden filled with water, so that the water may be warmed by the sun, or add sufficient warm water to the well or hydrant water so as to make it the same temperature as the atmosphere.

# Floral Novelties and Rare and Valuable Varieties of Flower Seeds



*Semple's Giant Aster.*

## Semple's Giant Late-Flowering Asters.

A handsome strain of late-flowering Asters. Superior to all other sorts of this class, lengthening the Aster season until frost. The flowers are very large, measuring four inches in diameter, of purest colors, and are borne on long stems. They begin to bloom early in September.

Pure White, Lavender, ShellPink, Bright Crimson, Dark Purple or above varieties, mixed, per pkt., 10 cts.

## Allen's Defiance Mignonette.

This gorgeous Mignonette has qualities heretofore unknown in large-flowering varieties, being deliciously fragrant.

When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long. The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens. Per pkt., 10 cts.

## Giant Perpetual Carnations.



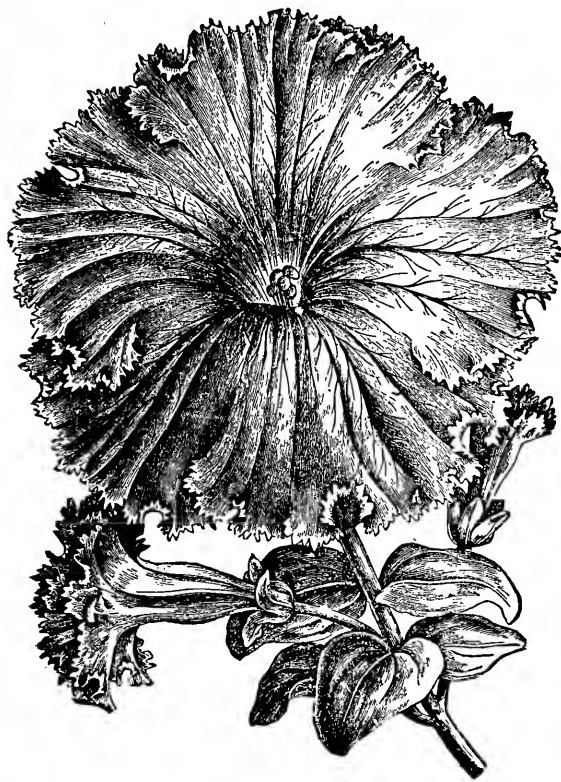
*Giant Perpetual Carnation.*

This new hardy class combines the perfection of flowers of the Perpetuals with the earliness of the Margaret Carnations, flowering seven months after being sown, and will last until killed by severe frosts; or, if desired, the plants can be potted in the fall, and they will continue to bloom profusely in the house during winter. The flowers are very large, perfect and double,

and have a great variety of colors. Per pkt., 10 cts.



*Allen's Defiance Mignonette.*

*Petunia.*

## CENTAUREA ODORATA.

(Mammoth Flowering Sweet Sultan.)

The old Sweet Sultan has long been a favorite garden annual of the easiest culture. These new mammoth-flowering varieties are grand improvements, producing blossoms from 2½ to 4 inches across, of graceful, airy effect, and are most deliciously fragrant—they are simply invaluable for cutting for vases, and for wearing as corsage flowers they are marvelously effective. Height, 2 feet.

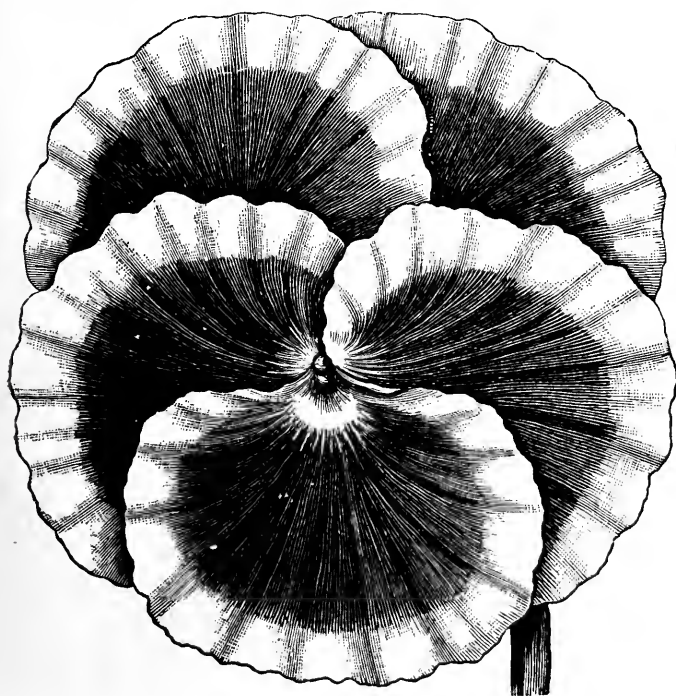
## Large-Flowering Giant Petunias.

A strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades.

Grandiflora, Single Mixed . . . . .	Per pkt., 25c.
Grandiflora, Single Fringed, Mixed . . . . .	25c.
Grandiflora, Double Fringed, Mixed . . . . .	25c.

*Centaurea Odorata.*

Margaritæ, pure white. Chameleon, light yellow  
Odorata, light blue. and rose.  
Price, per pkt., 10c.

*Giant Pansy.*

## The Brilliant Collection of Giant Trimardeau Pansies.

The type of pansies known as "Giant Trimardeau" has become popular the world over on account of the strong, luxuriant growth of the deep-rooting plants, which produce in consequence flowers of enormous size and in continued abundance from earliest spring until freezing autumn weather, the flowers holding up in size well, even during the summer, when pansies of less robust constitution dwindle away with the heat. Until the last few years the variety of colors in this type of pansies has been limited, but recently they commenced to "break" into new colors and combinations, so that we have been able to add one or two desirable new varieties to the list annually. The new varieties of Giant Trimardeau Pansies that we are enabled to offer this season are of more than usual excellence and beauty.

	Per pkt.
Giant, Yellow, black eye . . . . .	\$0 10
" Black-blue . . . . .	10
" Azure-blue . . . . .	10
" King of the Blacks . . . . .	10
" Snowflake . . . . .	10
" Mixed . . . . .	10

Price for the entire collection, one package of each color, 35c.

# GENERAL LIST OF FLOWER SEEDS.

## ABRONIA.

Verbena-like plants, very fragrant, especially toward evening. Charming trailers for vases, rockwork, etc. Half-hardy annual.

**Umbellatum**, rosy pink, height,  $\frac{3}{4}$  ft. . . . . per pkt., 5c.  
**Arenaria**, lemon-yellow, height,  $\frac{3}{4}$  ft. . . . . " 5c.

## ABRUS PRECATORIUS.

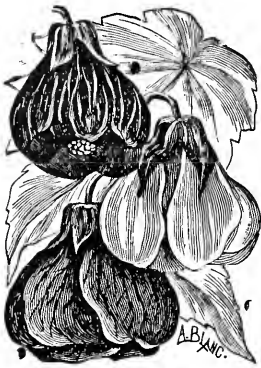
(Prayer Bean; Crab's Eye.)

Chiefly remarkable for its small egg-shaped seed, which are of a brilliant scarlet color, with a black mark. These seeds are used for necklaces and other ornamental purposes. Pkt., 10c.

## ABUTILON.

Large bell-like flowers, various colors; strong growers, flowering continually, suitable for house in winter and garden in summer. Tender perennial.

**Mixed Colors** . . . . . per pkt., 10c.



*Abutilon.*



*Aconitum.*

## ACACIA.

Decorative greenhouse shrubs with elegant foliage; flowers yellow, white or red, 3 to 6 ft. Perennial.

**Mixed Varieties** . . . . . per pkt., 10c.



*Adonis.*

## ACONITUM. (Monkshood.)

Showy hardy plants, growing well in shaded situations.

**Napellus** (blue) . . . . . per pkt., 10c.  
**Mixed** . . . . . " 5c.

## ACROCLINIUM. (Everlastings.)

Very graceful plants, much used for winter bouquets. The flower heads should be gathered when young, if to be preserved. Half hardy annual.

**Rose**, white or mixed, 1 ft. . . . . per pkt., 5c.  
**Double**, rose, white or mixed, 1 ft. . . . . " 5c.

## ADLUMIA. (Mountain Fringe.)

Charming climber, beautiful feathery foliage, rose-colored flowers. Hardy biennial.

**Cirrrosa**, 15 ft. . . . . per pkt., 10c.

## ADONIS.

Very popular border plant, of easy culture, showy and free bloomers. Hardy annual.

**Festivus** (Flos Adonis), crimson, 1 ft. . . . . per pkt., 5c.  
**Autumnalis** (Pheasant's Eye). Blood-red, black eye, 1 ft. . . . . " 5c.  
**Vernalis** (Hardy Yellow Adonis). Produces large yellow flowers in early spring,  $\frac{3}{4}$  ft. . . . . " 5c.

## AGAPANTHUS UMBELLATUS. (African Lily.)

A beautiful tuberous-rooted plant. Blue flowers; tender perennial. Per pkt., 10c.

## ALONSOA. (Grandiflora.)

Bright little annuals of fine habit; require some protection in cold weather. Sow in hotbed, and plant out early in May. Per pkt., 5c.

## AGROSTEMMA. (Rose Champion.)

Showy flowers of various colors, borne freely, fine for beds. Hardy perennials,  $1\frac{1}{2}$  ft.

**Mixed** . . . . . per oz., 40c.; per pkt., 5c.  
**Cœli rosea** (Rose of Heaven), rose . . . . . " 5c.  
**Cœli rosea alba**, white . . . . . " 5c.

## ALSTROMERIA. (Pulchella.)

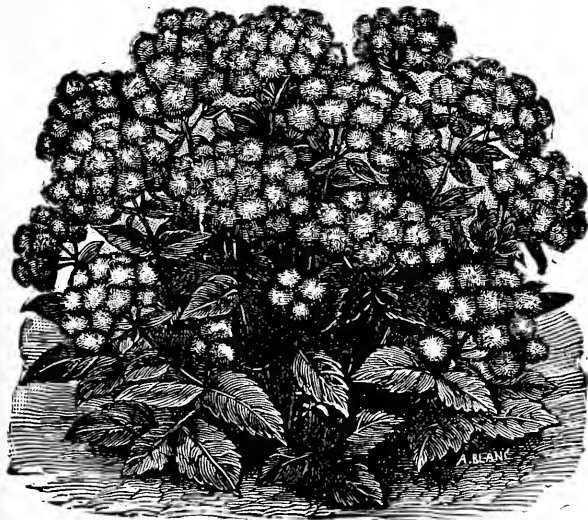
A greenhouse perennial, having brilliant yellow flowers with red streaks. Per pkt., 10c.



*Acroclinium.*

**AGERATUM.** (*Floss Flower.*)

This indispensable plant keeps up a constant succession of bloom from early summer till frost. Fine for bedding. Annuals.

*Dwarf Ageratum.*

	Per oz.	Per pkt.
Lasseauxi, rose, 2 feet . . . . .	\$0	05
Albiflorum, very dwarf, white . . . . .		05
Swanley Blue, large flowered, dark blue . . . . .		05
Tom Thumb, blue, ¾ foot . . . . .	\$0	60
“ white, conspicuous . . . . .		05
“ Little Dorrit, compact, oval plants, 6 inches high and a foot through, blue . . . . .		05
“ Little Dorrit, white, same habit as blue . . . . .		05
Imperial, dwarf, blue . . . . .		05
“ white . . . . .		05
Dwarf Yellow, delicate chamois yellow . . . . .		10
Mixed Varieties . . . . .	60	05

**ALYSSUM.**

These favorites are easily cultivated, either in the garden, window boxes, or vases, etc. Also well adapted for ribbon gardening. Hardy annuals.

	Per oz.	Per pkt.
Sweet Alyssum, white, 1 foot . . . . .	\$0	25
“ “ (Little Gem), one of the finest of plants for edging or ribbon work. . . . .	50	05
Saxatile Compacta, hardy, dwarf, golden yellow . . . . .	60	05

*Alyssum.*

**White Carpet** (*Compactum procumbens*), pure white, grows only 2 or 3 inches high and flowers profusely . . . . . per pkt., 5c.  
**Wierbeckii.** Summer blooming, yellow . . . . . “ 5c.

**AMARANTHUS.**

Fine ornamental-leaved foliage plants, invaluable for bedding, their foliage running into scarlet, crimson, yellow, variegated, etc. Hardy annual.

	Per oz.	Per pkt.
<b>Cruentus</b> (Princess' Feather), 3 feet . . . . .	\$0	05
<b>Tricolor</b> (Joseph's Coat), red, yellow and green, 3 feet . . . . .		05
<b>Caudatus</b> (Love-lies-bleeding), long, dark red, drooping flower spikes, 3 feet . . . . .		05
<b>Melancholicus rubra</b> , red, very showy . . . . .		05
<b>Henderi</b> , beautiful drooping foliage of rosy carmine, orange, buff, golden yellow and olive green . . . . .		05
<b>Mixed Varieties</b> . . . . .	per oz., 20c.	05

**AMPELOPSIS VEITCHII.** (*Boston or Japan Ivy.*)

Valuable, hardy and perennial climber, clinging to walls of wood, brick or stone; foliage dense, of glossy green, changing to red and yellow in the autumn . . . . . per pkt., 10c.

**ARDISIA.**

**Crenulata**, a fine greenhouse ornamental plant, with scarlet berries . . . . . per pkt., 10c.

**ANGELONIA.**

Beautiful for pot culture, with spikes of sweet-scented blue flowers; large flowering . . . . . per pkt., 5c.

**ANTIRRHINUM.** (*Snapdragon.*)

This is a great favorite, of the easiest culture, unsurpassed for summer or fall flowering. Splendid for bedding and edgings. Hardy annual.

	Per oz.	Per pkt.
<b>Dwarf White</b> , striped purple, yellow or scarlet . . . . .	\$0	05
<b>Tall Grandiflorum album</b> , pure white . . . . .		10
“ “ Brilliant scarlet, golden and white . . . . .		10
“ “ Striatum, fine striped varieties . . . . .		10
“ “ Crescia, fine deep scarlet . . . . .		10
“ “ Yellow and orange . . . . .		10
“ “ Striped red . . . . .		10
“ <b>Romeo</b> , deep rose, stained flesh color and spotted with yellow on lower lip. . . . .		10
“ <b>Mixed</b> , 1½ feet . . . . .	per oz., 50c.	05
<b>Dwarf Mixed</b> , 1 foot . . . . .	“ 50c.	05

**ANAGALLIS.** Free-blooming bedding plants.

**Grandiflora Mixed** . . . . . per pkt., 5c.

**ALONSOA**

Tender plants, with small, but remarkably pretty flowers in brilliant colors.

<b>Albiflora</b> , white . . . . .	per pkt., 5c.
<b>Warscewiczii</b> , bright scarlet . . . . .	“ 5c.

**AMMOBIUM.** (*Everlastings.*)

Beautiful everlastings, fine for bouquets. Hardy annuals.

**Double Mixed** . . . . . per pkt., 5c.

*Antirrhinum.*

# ASTERS.

(*Callistephus.*)

These are among the prettiest annuals in their season, blooming profusely, and producing, in great profusion of color, flowers of the most perfect and beautiful form. Asters can be grown very nicely in pots for early blooming and also for early winter use; half hardy annuals.



## TRUFFAUT'S PERFECTION ASTERS.

A very popular class. Very large flowers, almost round, with incurved petals; 2 feet.

Per pkt.		Per pkt.	
White . . . . .	\$0 10	Crimson . . . . .	\$0 10
Fiery scarlet . . . . .	10	Light blue or dark blue . . . . .	10
Blood red . . . . .	10	Mixed . . . . .	10

## DAYBREAK ASTER.

A most beautiful bushy, branching Aster, growing about two feet high with large double flowers composed of incurved petals, almost as regularly placed as in a Dahlia. The coloring is an exquisite tint of rosy shell pink, the flowers are borne upright on stiff long stems, and the plants in bloom are charming beyond description, and for cutting purposes there is not a finer Aster grown. Per pkt., 10c.

## WHITE OSTRICH FEATHER ASTER.

Immense flowers, 6 inches across, resembling the Giant Comets, but the petals longer, narrower and more curled; very graceful. Per pkt., 10c.

## GIANT COMET ASTERS.

Flowers of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

Light blue . . . per pkt.,	\$0 10	Light rose . . . per pkt.,	\$0 10
Dark blue . . . .	10	White . . . . .	10
Mixed . . . . .	10		

## WASHINGTON ASTERS.

Produce large flowers of perfect form. Height, 2 ft. Mixed . . . . . per pkt., \$0 10

## GIANT PERFECTION ASTER.

An improvement on Truffaut Perfection, the flowers being considerably larger and coming into bloom very much earlier.

Mixed colors . . . . . per pkt., \$0 10

## JEWEL or BALL-SHAPED ASTER.

A magnificent new class. The flowers are perfectly round, very double, with short incurved petals.

Mixed . . . . . per pkt., \$0 10

## NEW VARIETIES.

### ASTER, DWARF COMET BRIDESMAID.

A delightful new color, only represented in a few classes of Asters. The flowers open white and change to a charming lilac rose. A remarkably free bloomer, comes true from seed, and produces almost exclusively perfect plants. Per pkt., 15c.

### ASTER, COMET FLOWERED LADY ASTER.

A splendid new and quite distinct variety. Its luxuriance of bloom and maroon lanceolate leaves, as well as the contrast between the fresh light green foliage and the graceful chrysanthemum-like flowers, produce a beautiful effect. Price, per pkt., 15c.

### CHRISTMAS TREE ASTER.

Distinct early blooming race of peculiar habit, branching out horizontally in the shape of a fir tree. It grows about 1½ ft. high and the lower branches have a spread of 2 ft. The flowers are globe shaped, often 80 to 100 appearing on one plant. Mixed colors. Per pkt., 10c.

### SEMPLE'S GIANT LATE-FLOWERING ASTERS.

A handsome strain of late-flowering Asters. Superior to all other sorts of this class, lengthening the Aster season until frost. The flowers are very large, measuring four inches in diameter, of purest colors, and are borne on long stems. They begin to bloom early in September.

Pure white . . . per pkt.,	\$0 10	Shell pink . . . per pkt.,	\$0 10
Lavender . . . .	10	Bright crimson . . .	10
Dark purple . . . . .	10		10

The collection of above five sorts, 35c.

Above varieties, mixed . . . . . per pkt., \$0 10

## VICTORIA ASTERS.

One of the handsomest varieties, both in size and color. They bloom profusely, and the colors include many extremely delicate and some bright colors.

White . . . . . per pkt.,	\$0 10	Light blue . . . per pkt.,	\$0 10
Fiery scarlet . . . . .	10	Deep rose . . . . .	10
Deep purple . . . . .	10	Mixed . . . . .	05

## QUEEN OF THE MARKET.

Fully three weeks earlier in blooming than any other Asters. Flowers large and of fine form. Height, 1½ ft.

White . . . . . per pkt.,	5c.	Azure blue . . . per pkt.,	5c.
Crimson . . . . .	5c.	Light blue . . . . .	5c.
Dark blue . . . . .	5c.	Lilac red . . . . .	5c.
Rose . . . . .	5c.	Flesh color . . . . .	5c.

Collection of above eight sorts, 30c.  
Mixed . . . . . " 5c.



Queen of the Market Aster.

**CHRYSANTHEMUM FLOWERED ASTER.**

Finest of all dwarf varieties. Flowers are produced in immense clusters of 20 to 30 to a plant, and are very full and double.

	Per pkt.		Per pkt.
White, height 10 in. . . . .	\$0 05	Rose or fiery scarlet . . .	\$0 05
Carmine . . . . .	05	Mixed . . . . .	05
Light blue . . . . .	05		
Pæony Globe, flowered, . . . . .		Dwarf Bouquet, mixed, 1 ft. . . . .	05
mixed, 1½ ft. . . . .	05	Crown, or Cocardeau, . . . . .	
German Quilled, mixed, 1½ ft. . . . .	05	mixed, 1 ft. . . . .	10

**AQUILEGIA.** (*Columbine.*)

The aquilegias are fine, free-flowering, hardy border plants. No garden should be without them. Hardy perennials.

	Per pkt.
Caryophylloides double striped, 1½ ft . . . . .	\$0 05
Chrysantha, golden yellow, 3 ft. . . . .	05
Cœrulea, blue, 3 ft. . . . .	05
Vulgaris, double white, 2 ft. . . . .	05
Double mixed . . . . .	05
Single mixed . . . . .	05

**ANEMONE.**

Very beautiful spring flowers. Hardy perennials.

Coronaria, mixed, 1 ft. . . . . per pkt., \$0 05



*Asparagus Plumosus Nanus.*

**ARISTOLOCHIA.** (*Dutchman's Pipe.*)

A very attractive and highly ornamental climber, with flowers resembling the Pitcher Plant. Hardy perennial.

Sipho . . . . . per pkt., \$0 10

**ARALIA SIEBOLDII.**

Luxuriant decorative plant for house culture in winter and lawn in summer; large green palm-like leaves; tender perennials. Per pkt., 10c.

**BALSAM.** (*Lady's Slipper.*)

The well-known Balsams, or Lady's Slippers, are among the finest summer-blooming annuals, free bloomers and highly colored. By transplanting them once the flowers are apt to be more double. Half-hardy annual. Height, 2 ft.

	Per pkt.
Camellia-flowered, white, alba perfecta . . . . .	\$0 05
"    "    extra choice, double mixed . per oz., 50c.	05
"    "    finest mixed, improved . . . . .	10

**BRACHYCOME.** (*Swan River Daisy.*)

A charming dwarf plant of easy culture, covered with a beautiful mass of Cineraria-like flowers. Half hardy annual.

Iberidifolia, blue and white, ½ ft. . . . . per pkt., \$0 05

**BALLOON VINE.** (*Cardiospermum.*)

Remarkably rapid climber, very curious. Half hardy annual.

Halicacabum . . . . . per oz., 20c.; per pkt., \$0 05

Balsam Apple, or Pear. (See Momordica.)



*Aquilegia.*

**BARTONIA AUREA.**

Golden Barton. One of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer. 1 ft. Per pkt., 5c.

**ORNAMENTAL ASPARAGUS.**

Plumosus Nanus. A greenhouse perennial climber, with graceful and feathery lace-like foliage. Per pkt., 25c.

Sprengeri. Per pkt., 25c.

**ASPERULA.**

Free bloomer and sweet scented. Chief ingredient of the Maitrank. Per pkt., 10c.



*Balsams.*



Double Daisy.

**BELLIS.** (*Double Daisy.*)

The poet's favorite and one of the most charming spring flowers. Hardy perennial,  $\frac{1}{2}$  foot.

Double White	per pkt., \$0	10
Longfellow. Large, double pink	"	10
Snowball. Largest double white	"	10
Double Mixed	"	10
Maxima. Large, double red	"	10

**BROWALLIA.**

Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer.  $1\frac{1}{2}$  feet.

Blue	per pkt., 10c.	10c.
White	"	10c.
Roezli (fine for pots)	"	25c.
Nana Compacta. Blue. Very dwarf and compact	"	10c.
Speciosa Major. Individual flowers are fully 1 inch across, of rich indigo blue; 1 foot high, bushy	"	10c.
Jamesoni. Large orange	"	10c.
Mixed Colors	"	05c.



Coreopsis.

**BEGONIA.**  
For the greenhouse, parlor or garden. The graceful pendulous flowers of this beautiful class render them most desirable; but with added beauty in their glossy waxen foliage, they are simply superb. They are of easy culture and exceedingly useful. Half hardy perennials, 1 foot.

**Tuberous Rooted,** single mixed. Per pkt., 10c.

**Tuberous Rooted,** double mixed. Per pkt., 15c.

**Rex,** ornamented leaves of dark green bronze, gold, red, etc. Per pkt., 10c.

**Vernon.** Superb variety; flowers brilliant rich red, which are set off perfectly by the abundant glossy green

leaves, broadly margined with bronze and purple. Extremely hardy and floriferous. Seed sown in spring will produce blooming plants early in the summer. . . . . per pkt., 10c.

**Schmidt,** white, very floriferous. . . . . " 25c.

**Erfordia,** cross between B. Vernon and Schmidt, rosy carmine, free bloomer. . . . . " 25c.

**Non Plus Ultra** . . . . . " 10c.

**Semperflorens fol. aureus** . . . . . " 10c.

" Mixed . . . . . " 10c.

**CACALIA.** ("Tassel Flowers," "Flora's Paint Brush," etc.)

Very pretty summer-flowering garden plants. Prized for cutting,  $1\frac{1}{2}$  feet, annual.

**Coccinea** (Scarlet Tassel Flower) . . . . . per pkt., 10c.

**Lutea,** yellow . . . per pkt., 10c. **Mixed Colors** . . . . . " 05c.

**CALENDULA.** (*Pot Marigold*)

Very showy, free-flowering plants, very effective in beds or mixed borders. Hardy annuals.

**Meteor.** Double yellow, striped with orange, per oz., 25c.; pkt., 5c.

**Prince of Orange.** Similar to Meteor, but much darker " 25c.; " 5c.

**Sulphurea, fl. pl.,** oz., 40c.; pkt., 5c. **Nankeen.** Colored (Le Proust), pkt., 5c.

**CALANDRINIA.**

**Grandiflora.** Very beautiful dwarf-growing annual; in the sunshine the large rose-colored flowers expand into a perfect blaze of beauty. 1 ft. Pkt., 5c.

**CALCEOLARIA.**

Magnificent greenhouse plants, with large pocket-shaped flowers, which are borne in the greatest profusion in the spring.  $1\frac{1}{2}$  ft.

**James' Giant Strain** . . . . . per pkt., 25c.

**Rugosa,** shrubby for bedding " 25c.

**Hybrida Mixed** . . . . . " 50c.

**CALLIOPSIS.** (*Coreopsis.*)

This genus embraces a very useful and brilliant class of hardy annuals. The flowers are of every shade of yellow, orange and reddish brown; useful for bed. Per pkt., 5c.

**Drummond or Golden Wave.** Uniform orange yellow, extra fine. 1 ft. Per pkt., 5c.

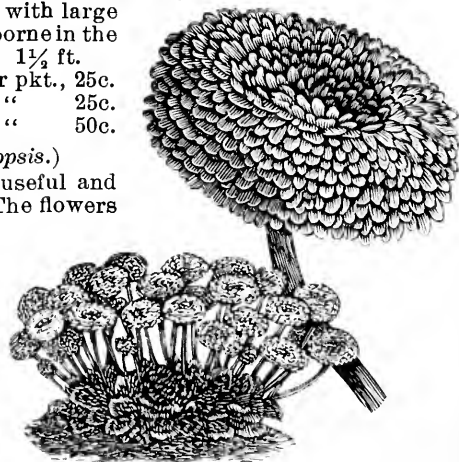
**Tinctoria Marmorata.** Marbled yellow and brown, 2 ft. Per oz., 30c.; per pkt., 5c.

**Coronata.** Rich yellow, slightly spotted with red. Per pkt., 5c.

**Mixed** . . . . . per pkt., 5c.



Rex Begonia.



Calendula Meteor.

**CAMPANULA.** (*Canterbury Bells.*)

An old garden favorite belonging to a class of plants known as hardy biennials. They are very ornamental, and should find a place in every garden.

**Carpatica**, blue, white, rose or mixed. Fine hardy perennial.

**Medium**, " " " " ¾ ft. Per pkt., 5c.

**Calycanthema**, blue, white, rose or mixed. 2 ft. Per pkt., 5c.

**Macrostyla**. Extra large violet-flowering (Cup and Saucer) variety. Per pkt., 5c.

**CANARY BIRD FLOWER.** (*Tropæolum.*)

A rapid-growing summer climbing annual, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Per oz., 50c.; pkt., 5c.

**CANDYTUFT.** (*Iberis.*)

The Candytuft is almost as fragrant as the Sweet Alyssum and very popular. Very useful as a bedding plant or for border work. Hardy annuals, 1 foot.

<b>Dwarf White</b> . . . . .	Per oz. \$0 25	Per pkt. \$0 05
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<b>White Rocket</b> . . . . .	25	05
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<b>Dobbie's White Rocket</b> . Finest of all the white varieties . . . . .	50	05
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<b>Lilac</b> . . . . .	25	05
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<b>Purple</b> . . . . .	25	05
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<b>Crimson or Mixed</b> . . . . .	25	05
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<b>Empress</b> . Produces large trusses of pyramidal-shaped flowers, very effective . . . . .	50	05
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<b>Mixed Annual</b> . . . . .	25	05
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Campanula.

**CANNA.** (*Indian Shot.*)

The Cannas are particularly suitable for forming groups on lawns or backgrounds for dwarf-growing plants, for which purpose they are now largely used. Seeds sown in a hotbed or greenhouse, from January to April, will produce flowering plants in July. Half-hardy perennial.

**Tall Varieties**, mixed. Per oz., 20c.; per pkt., 10c.

**Dwarf**. Large flowering varieties, extra fine. Per oz., 75c.; per pkt., 10c.

**CARNATION.** (*Dianthus.*)

These well-known favorites are highly prized for the delicious perfume of their flowers, grown in pots or in the open ground. No flowers can be finer or more worthy of cultivation. The Marguerite Carnation will bloom in four months from the time of sowing. The flowers are of magnificent colors, ranging through many shades of pink, red, white and variegated. Hardy perennials.

**Earliest French Chabaud Carnation**. New hardy class, combining the perfection of flowers

of the perpetuals with the earliness of Marguerite Carnations, blooming seven months after being sown. Per pkt., 25c.

**Benary's Non Plus Ultra Border Carnation**. Finest mixed. Saved from flowers of finest quality only. Per pkt., 25c.

**Giant Perpetual**. An improved class of Chabaud carnations. (See description, page 26.) Per 100 seeds, 75c.; per pkt., 25c.

**Perpetual or Tree**. Upright growth and branching habit, flowering several times during the season, 2 ft. Per pkt., 10c.

**Picotee**. Extra fine double mixed, various shades of yellow, white and slate. Per pkt., 10c.

**Red Grenadine**. Brilliant double, sweet flowers, 1 ft. Per pkt., 10c.

**Early Dwarf Vienna**. Flowers very early; extra fine. Per pkt., 10c.

**Marguerite, Giant Flowered**. Superb, mixed, 1½ ft. Per pkt., 10c.

**Marguerite, Half Dwarf**. Fine mixed. Per pkt., 10c.

**Finest Mixed**. Per pkt., 5c.

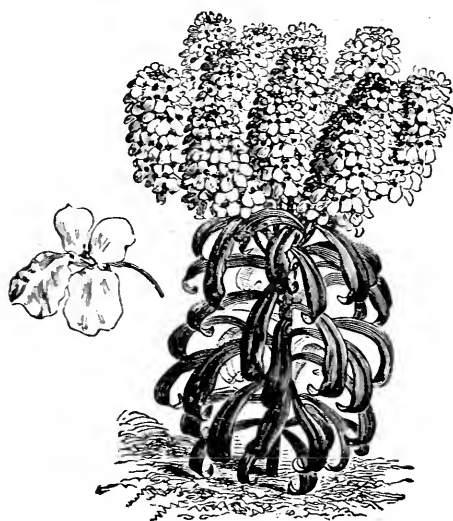
**CATCHFLY.** (*Silene.*)

Showy, bright-colored, free-flowering annuals, suitable for rock-work, rendered interesting by a gummy secretion on the leaves which entraps small flies. Hardy annual, 1½ feet.

**Mixed**. Red, white and flesh colors. Per pkt., 5c.



Marguerite Carnation.



Candytuft.





Clarkia.

scarlet, blotched with black . . . . . per pkt., 10c.  
**Puniceus** . . . . . " 10c.

**COBAEA.**

A fine, quick-growing, climbing plant, bearing large bell-shaped flowers. Hardy annual.

**Scandens**, deep violet . . . . . per oz., 75c.; per pkt., 10c.  
 " Alba, white . . . . . " 10c.

**COCKSCOMBS.**

(Celosia Cristata.)

Very popular annuals of the easiest culture, producing large ornamental, comb-like heads; not only are they highly prized for summer flower beds, but they make fine pot plants. (See cut.)

**All-a-Glow**, a splendid large-headed dwarf Cockscumb, height 1 foot; immense ruffled combs with edges like scarlet chenille, while the depths are glowing orange scarlet . . . per pkt., 10c.

**Glasgow Prize**, very dwarf; immense crimson combs; 1 ft., " 5c.

**Dwarf Mixed**, many colors; 1 foot . . . . . " 5c.

Collection of 6 dwarf Cockscombs, separate colors, 25c.



Celosia.

**Feathered or Ostrich Plumed Cockscombs.**

(Celosia Plumosa.)

Handsome pyramidal branching plants, 2 to 3 feet high, producing at the summit of each branch long feathery plumes of very graceful effect.

**Crimson Ostrich Plumed** (Triomphe d'Exposition), large feathery crimson plumes . . . . . per pkt., 10c.

**Golden Ostrich Plumed**, large feathery golden plumes . . . " 10c.

**Mixed Colors**. Ostrich Plumed Celosia, crimson, orange, yellow, rose, etc. . . . . " 5c.

**COCCINEA INDICA.**

A remarkably pretty annual climber; foliage ivy-like, bright and luxuriant; never troubled with insects; small flowers followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white, 10 feet. . . . . per pkt., 10c.

**COLEUS.**

One of the most popular ornamental foliage plants; very decorative and easily grown from seed.

**Extra Fine Mixed** . per pkt., 25c.

**COLLINSIA.**

**Mixed Colors**. Free-flowering, summer-blooming annuals of great beauty, for massing and mixed flower borders; great variety of color—white, purple and crimson predominating, 1 to 2 feet . . . . . per pkt., 5c.

**COLLOMIA.**

**Coccinea grandiflora**, fine for bees; suitable for pot culture; very pretty . pkt., 5c.

**COWSLIP.**

A beautiful flowering plant; excellent for filling the beds and borders of the spring flower garden; hardy perennial,  $\frac{3}{4}$  ft. **Extra Fine Mixed**, per pkt., 5c.

**CORAL PLANT.**

(Erythrina.)

A very beautiful greenhouse shrub.

**Crista galli** . . . . . per pkt., 10c.

**Columbine** (see Aquilegia).

**Cordylone** (see Dracæna).

**Coreopsis** (see Calliopsis).

**Cucumber, Wild** (see Echinocystis lobata).

**Cucumis** (see Gourds).

**CLARKIA.**

The Clarkia is an old favorite, very pretty, free flowering, and of easy cultivation. Useful for hanging baskets. Hardy annuals,  $1\frac{1}{2}$  feet. **Elegans, Mixed** . . . . . per oz., 30c.; per pkt., 50c.

**CLEMATIS.**

Virgin's Bower. Beautiful ornamental plants, fine for covering trellises or making a screen. Seeds vegetate only after an interval of several months, when they will grow with tolerable certainty. Hardy perennial.

**Flammula**, white. . . . . per pkt., 10c.

**Jackmanni Varieties**, seed saved from best named varieties, " 10c.

**CLIANTHUS.**

One of the most beautiful plants grown for either the greenhouse or border; tender shrubby trailer; succeeds best when treated as an annual; must not be transplanted.

**Dampieri** (Australian Glory Pea), flowers



Cobæa Scandens.



Clematis.

## COSMOS.

### Mammoth Perfection.

The flowers are double the size of the old Cosmos; the petals are broader, forming a perfectly round flower. The long stems and feathery foliage lend themselves to graceful arrangements for bouquets. These plants enliven the garden long after more tender plants have succumbed to early frost.

**Mammoth White.** Per pkt., 10c.

**Mammoth Pink.** Per pkt., 10c.

**Mammoth Deep Crimson.** Per pkt., 10c.

**Mammoth Mixed.** Per pkt., 10c.

**Dawn.** This new variety comes into bloom in July and continues to flower until cut down by severe frost. Of good size; the handsome circular flowers are white, with a delicate tint of rose at the base of the petals. The plants are of compact, bushy growth, about 4½ ft. high. Valuable particularly for the North, where the seasons are too short for other strains. Per pkt., 10c.

### CYPRESS VINE. (*Ipomœa Quamoclit.*)

The most popular of annual climbing plants, with delicate fern-like foliage. The seeds should be soaked in water about three hours before planting. Half hardy annual.

<b>Crimson</b> . . . . .	per oz., 30c.;	per pkt., 5c.
<b>White</b> . . . . .	" 30c.;	" 5c.
<b>Rose</b> . . . . .	" 30c.;	" 5c.
<b>ly-Leaved.</b> Scarlet flowers . .	" 30c.;	" 5c.
<b>Mixed</b> . . . . .	" 30c.;	" 5c.

### GIANT PERSIAN CYCLAMEN.

Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc.



*Cyclamen.*

Most of them are, moreover, delicately fragrant. (*See cut.*)

**Album.** Very large white, per pkt., 25c.

**Charming Bride.** White, per pkt., 25c.

**Duke of Connaught.** Crimson, per pkt., 25c.

**Mont Blanc.** White, per pkt., 25c.

**Roseum.** Bright rose, per pkt., 25c.

**Rubrum.** Deep red, per pkt., 25c.

**Atrorubrum.** Brilliant deep red, per pkt., 25c.

**Superbum.** White, with dark red throat, per pkt., 25c.

**Finest Mixed Cyclamen Persicum.** pkt., 10c.

### CONVOLVULUS. (*Morning Glories.*)

These well-known favorites ought to be in every garden. Nothing can be finer for color than a bed of these. Free flowering; of easy cultivation. Hardy annuals.

**DWARF BEDDING VARIETIES—Tricolor,** mixed, pkt., 5c.

**CLIMBING VARIETIES—**Well-known climbing plants; unequalled for rapidity of growth and profusion of bloom.

**Mixed** . . . . . per oz., 15c.; per pkt., 5c.

**Mauritanicus.** A beautiful creeping variety, porcelain-blue; well adapted for hanging baskets, vases, etc. Half hardy perennial, 3 ft., per pkt., 10c.

### GIANT IMPERIAL JAPANESE MORNING GLORIES

A magnificent advance on the old-fashioned Morning Glories. The enormous flowers, exquisite colors and beautiful foliage make them, without doubt, the most beautiful climbers in existence. Per pkt., 10c.



*Cypress Vine.*



**Dwarf Yellow.** Rich golden yellow; large flowers. Pkt. 10c.  
**Dahlia Flowered Crimson.** Very rich color and in form resembling a single Dahlia. Per pkt., 10c.

**Giant Early Flowering.** Fancy red, pink, white, mixed. Immense flowers, 4 to 5 in. in diameter. Per pkt., 10c.

**New Giant Yellow Cosmos, the Klondyke.** This variety from Mexico, now first introduced the past summer, magnificent bright yellow flowers, 2½ to 3 in. in diameter, and was greatly admired. Per small pkt., 10 cts.; 3 pkts. for 25 cts.

**Finest Mixed.** Per pkt., 5c.

*Datura.***DATURA.**

Strong-growing annuals, with very large and showy flowers. Half hardy annuals, 2 to 3 feet.

**Cornucopia.** Purple and white, very effective. Per pkt., 10c.

**Fastuosa.** Double white violets or mixed. Pkt., 5c.

**Golden Queen.** A magnificent plant for open ground, with most brilliant golden yellow flowers of enormous size, many of them 10 inches long and produced in great numbers. Per pkt., 10c.

**DOLICHOS.**

(*Hyacinth Bean.*)

Free-growing, beautiful climbers, flowering in clusters, fine for covering screens. Tender annual.

**Purple, White or Mixed.** Per oz., 15c.; per pkt., 5c.

*Delphinium.***DELPHINIUM.**

(*Perennial Larkspur.*)

Magnificent border plants with gorgeous spikes of bloom, varying in shades from the most delicate white to the richest blue. The taller varieties are best for shrubberies, and the dwarf sorts for beds. Hardy perennial.

**Brunonianum.** Beautiful bushy plant with blue flowers. Per pkt., 5c.

**Nudicaule.** Fine dwarf scarlet variety, 1½ ft. Per pkt., 5c.

**Formosum.** Rich dark blue, white center, 5 ft. Per oz., 75c.; per pkt., 5c.

**Formosum caelestinum.** Light blue flowers, 3 ft. Per pkt., 5c.

**Zalil.** Flowers of pure sulphur-yellow, branching habit, 4 ft. Per pkt., 10c.

**Hybridum flore pleno.** Finest double sorts in choice mixture. Per pkt., 10c.

**Delphinium, Annual Varieties.**

**Dwarf or Tall Rocket.** Mixed, 2 ft. Per oz., 30c.; pkt., 5c. **Chinese Mixed.** Pkt., 5c.

**Hyacinth flowered.** Dwarf, mixed. Very fine. Per pkt., 5c.

**DIANTHUS.**

(*Pinks.*)

Universal favorites with every one. Highly valued for the great beauty and fragrance of their flowers. 1 ft.

**Chinensis.** Single annual, colored, mixed. Per pkt., 5c.

**Double Annual Varieties.**

**Chinensis fl. pl.** Double mixed (Indian Pink). Per pkt., 5c.

**Heddewigii fl. pl.** Double mixed (Japan Pink). Per pkt., 5c.

**Plumarius** (Pheasant's Eye). Per pkt., 5c.

**New Dianthus Heddewigii, Diadematus Albus Flora Plena, White Diadem Pink.** This type is distinguished from the popular Diadem Pink by the white color of its petals, from which stand out those delicate velvety and feathery lines in shield-like form to which the Diadem Pink owes its name, the tints being principally lilac, purple, carmine or blood-red. Pkt., 25c.

**DAHLIA.**

The seed we offer has been saved from a superb collection of the finest named varieties. Half hardy perennial, 4 ft.

**Extra Double, mixed.** Per pkt., 10c.

**Single Mixed.** Per pkt., 10c.

*Hyacinth Bean.***Branching Larkspur, Mixed Colors.**

(*Consolida da Candabrella fl. pl.*) This splendid class grows 2 to 3 feet high and bears long spikes of flowers on long stems, rendering them of exceptional value for cutting purposes. They are of long-continued bloom, keeping up a bright display until cut down by frost. Per pkt., 10c.

**DIGITALIS.**

(*Foxglove.*)

Handsome ornamental plants, of stately growth and varied color. Very showy for backgrounds and borders. Hardy perennials, 5 ft.

**Purpurea.** Mixed. Per pkt., 5c.

**Monstrosa.** Mixed. Long spike of many flowers, surmounted with one enormous flower. Pkt., 10c.

*Dianthus.**Digitalis.*

*Gaillardia Picta.***ECHEVERIA.**

Interesting greenhouse succulents, which are used largely for carpet bedding.

**Metallica** . . . . . per pkt., 25c.

**EUPHORBIA COROLLATA.**

A large robust-growing annual with very ornamental-leaved foliage, striped with white. Per pkt., 5c.

**Feverfew.** (See *Matricaria*.)

**FORGET-ME-NOT.** (*Myosotis*.)

All the varieties of these popular plants are very beautiful and general favorites with all; they succeed best in a moist situation. Half hardy perennial, 1½ ft.

**Alpestris.** Blue. . . . . per pkt., 5c.

“ **Victoria.** Very large flowers . . . . . “ 10c.

**Sylvatica.** Pale blue . . . . . “ 10c.

**Robusta Grandiflora** (Eliza Fanrobert). Large flower  
ing double blooms, remarkably fine . . . . . “ 10c.

**Finest Mixed** . . . . . “ 5c.

*Myosotis Alpestris.***DRACÆNA.**

Ornamental greenhouse plants, with elegant leaves; very rich and desirable.

**Australis** . . . . . per pkt., 25c.  
**Veitchii** . . . . . “ 25c.  
**Rubra** . . . . . “ 25c.  
**Draco** . . . . . “ 25c.  
**Indivisa Lineata** . . . . . “ 10c.

**ECHINOCYSTIS.**

**Lobata** (Climbing Wild Cucumber). A rapid, luxuriant-growing annual climber, very useful for quick effects, 30 to 50 ft. Per pkt., 5c.

**HELICHRYSUM.**

Very showy summer-blooming annuals, of free growth and producing in abundance flowers large, full and double, in shades of white, yellow, crimson, etc., not only very handsome as garden plants, but valuable as an “everlasting” for winter bouquets. Hardy annual, 1 to 2 ft.

**Double Mixed, Large-Flowering** . . . . . per pkt., 5c.

**ESCHSCHOLTZIA.** (*California Poppies*.)

Profuse blooming plants, of extremely rich and varied color; fine for beds or rockeries. Hardy annual, 1 ft.

**Golden West.** Beautiful . . . . . per pkt., 10c.

**Mixed** . . . . . “ 5c.

*Helichrysum.***FOUR O'CLOCKS.** (*Mirabilis*.)

Well-known free-flowering plants. Called Four o'Clocks because they open their blossoms at that hour in the afternoon; also called Marvel of Peru. Hardy annuals, 2 ft.

**Fine Mixed** . . . . . per oz., 20c.; per pkt., 5c.

**GAILLARDIA.**

A striking-looking class of plants, presenting quite a diversity of color; fine for bedding. Half hardy perennials, 2 ft.

**Picta Lorenziana.** Double orange and yellow flowers, mixed colors. Per oz., 50c.; per pkt., 5c.

**Mixed.** Per oz., 40c.; per pkt., 5c.

**FUCHSIA.**

Choice double and single of this well-known elegant tender pot plant. Mixed colors. Per pkt., 25c.

**GLOXINIA.**

Most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion and of the most exquisite and gorgeous colors, many of which are magnificently mottled and spotted. Mixed colors. Per pkt., 25c.

**GERANIUM.**

Gorgeous shades of color, borne continuously, render this the most popular plant grown, either for pot culture in winter or for bedding out in summer. Sown early they flower the first season. H. H. P., 1½ feet.

**Zonale, Finest Varieties.** Mixed . . . . . per pkt., 25c.

**GLOBE AMARANTH.** (*Batchelor's Button.*)

Remarkably handsome everlastings. Hardy annuals. One foot. Orange, purple, white, striped, lilac, flesh, all colors, mixed. Per pkt., 5c.

**Golden Feather.** (See Pyrethrum.)

**GODETIA.**

Profuse blooming annuals of beautiful colors. Fine for bedding or pot culture. Hardy annuals, 1 foot.

**Mixed** . . . . . per pkt., 5c.

**GOURDS.**

A vigorous class of plants, with curiously formed and often strangely colored fruits. The foliage is abundant, often curious. They are very useful for covering old trees, fences, arbors, etc. Tender annuals.

**Mock Orange** . . . . . per pkt., 5c.  
**Egg-shaped** . . . . . " 5c.

<b>Apple-shaped</b> . . . . .	per pkt., 5c.
<b>Pear-shaped</b> . . . . .	" 5c.
<b>Hercules Club</b> . . . . .	" 5c.
<b>Sugar Trough</b> . . . . .	" 5c.
<b>Bottle Gourd</b> . . . . .	" 5c.
<b>Dish Cloth, or Chinese Luffa</b> . . . . .	" 5c.
<b>Dipper Gourds</b> . . . . .	" 5c.
<b>Miniature</b> . . . . .	" 5c.
<b>Mixed, all sorts</b> . . . . .	" 5c.



Godetia.



Gourds.

out in the summer; large umbels of lilac or white flowers are continuously borne. Half hardy perennial. 1½ feet.

**Finest mixed** . . . . . per pkt., 5c.

**HOLLYHOCKS.** (*Althæa.*)

Magnificent summer and autumn flowering plants, bearing long spikes of large double flowers 3 to 4 inches in diameter. If seeds is sown in June or July will produce plants for blooming the following summer. Hardy perennial. 4 feet.

**Double mixed** . . . . . per pkt., 5c.

**Superb Double.** White, yellow, scarlet, purple, dark rose . . . . . " 5c.

**Charters, finest mixed.** Taken from a collection of named varieties, beautiful colors and all double . . . . . " 10c.

**ICE PLANT.** (*Mesembryanthemum.*)

Very singular, dwarf trailing plants, much used for garnishing, beautiful and curious. Tender annual, 1 foot.

**Crystallinum, white** . . . . . per pkt., 5c.

**GYPSOPHILA.**

Pretty, free-flowering little plant. Will do well in any garden soil. The flowers are valuable for bouquet making, either fresh or dried. Hardy annuals.

**Paniculata.** A very graceful plant, with beautiful white flowers, fine for table bouquets. 1½ feet. . . . . per pkt., 5c.

**GREVILLEA ROBUSTA.**

**Silk Oak.** Very graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects. 3 to 5 feet. . . . . per pkt., 10c.

**Helianthus.** (See Sunflower.)

**HELIOTROPE.**

Deliciously fragrant flowering plants, growing about one to two feet high; great favorites for pot culture in the winter or bedding



Double Hollyhocks.



Humulus.

**IPOMOEA.**

(Moonflower, Dawn Flower, etc.)

Beautiful, free-blooming plants, fine for outdoor or greenhouse decorations. The seeds should be soaked two to three hours before planting. Tender annual.

**Mixed Grandiflora hybrida.**

"The Moonflower or Evening Glory." One of the finest summer climbers grown. Per pkt., 5c.

**Limbata.** Violet, edged white, rose throat. Per pkt., 5c.

"**Heavenly Blue.**" Foliage very large, heart-shaped, flowers 4 to 5 inches in diameter. Per pkt., 10c.

Mixed . . . . . per pkt., 5c.



Ipomoea.

**HUMULUS JAPONICUS.** (*Japan Hop*.)

Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 ft., resembling the common hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. Per pkt., 5c.

**IMPATIENS SULTANA.**

One of the most beautiful of decorative plants. It thrives in stove, greenhouse and open border during the summer. The flowers are of a brilliant rosy scarlet, 1½ in. in diameter.

**Perennial Balsam Rose** . . . . . per pkt., 10c.

Mixed . . . . . " 10c.

**Joseph's Coat.** (See *Amaranthus tricolor*.)

**KAULFUSSIA.**

Fine for edging; good habit and color. The high colors are best for pots.

Mixed . . . . . per pkt., 5c.

**Kenilworth Ivy.** (See *Linaria cymbalaria*.)

**LANTANA.**

Rapid-growing plants, forming small bushy shrubs exceedingly free in bloom. **Mixed** . . . . . per pkt., 5c.

**Larkspur.** (See *Delphinium*.)

**LATHYRUS LATIFOLIUS.** (*Hardy or Everlasting Pea*.)

Hardy climbers, growing 6 to 8 ft. high when trained on a trellis; the flowers are borne in large clusters. **Mixed** . . . . . per pkt., 5c.

**LINARIA CYMBALARIA.** (*Kenilworth Ivy*.)

Hardy little climber, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc., 3 to 6 ft. . . . . per pkt., 10c.

**LEPTOSIPHON.**

Very handsome dwarf annuals for masses, beds and edgings; when planted in masses they form entire sheets of bloom. Hardy annuals, ¾ foot.

Mixed . . . . . per oz., 40c.; per pkt., 5c.

**LOBELIA.**

All the lobelias are suitable for bed edgings or ribbon borders, blooming profusely from June to September. *L. gracilis* is useful also for hanging baskets, vases, etc. Half hardy perennials.

**Cardinalis.** Scarlet. Hardy perennial. . . . . per pkt., 10c.

**Erinus gracilis.** Light blue, very dwarf . . . . . " 5c.

" **speciosa.** Deep blue. . . . . " 10c.

" **alba.** White . . . . . " 10c.

" **Lindleyana.** Beautiful rose . . . . . " 10c.

" **Erecta Crystal Palace.** Rich blue, fine for edgings . . . . . " 10c.

" **Royal Purple.** Rich violet-purple, with white eye . . . . . " 10c.

" **Mixed** . . . . . per oz., 60c. " 5c.



Lobelia.

**LUPINUS.***Lupinus.*

These are a very interesting class of plants and of easy culture, producing beautiful leaves and pea-shaped flowers, and should be more generally cultivated. Hardy annuals, 2½ feet.

**Extra Fine Mixed.** Pkt., 5c.; oz., 20c.

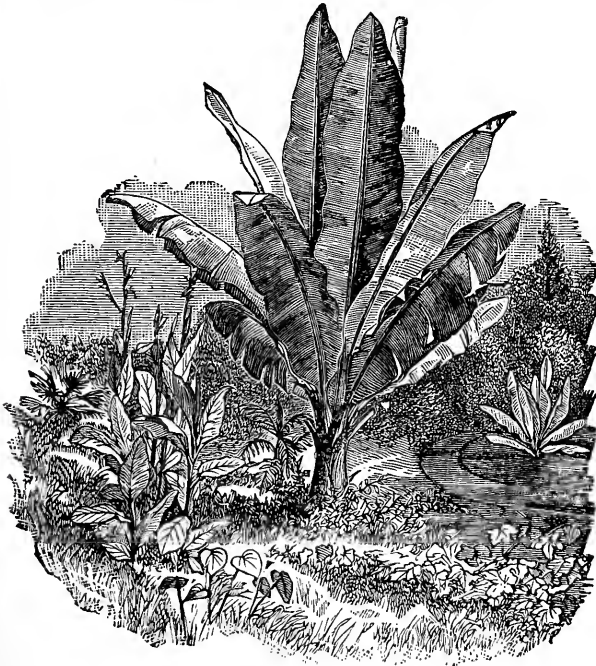
**LYCHNIS.**

**Haageana Hybrids, Mixed Colors.**

Usually grown as annuals; of dwarf bushy habit, bearing flowers an inch or more across in continuous succession until frost; the colors are particularly pleasing and effective—from white to rich scarlet and many shades of pink. 1 foot. Per pkt., 5c.

**MATRICARIA.**

- Capensis** (Double White Feverfew). Bushy annual garden plant, bearing quantities of white, double, button-like flowers. Pkt., 5c.  
**Golden Ball**, very fine. . . . . per pkt., 10c.  
**Eximia flore plena corymbosa** . . . . . " 10c.  
**Grandiflora**, double Tom Thumb, very dwarf . . . . . " 10c.

*Musa Ensete.***MUSA ENSETE** (*Abyssinian Banana Tree*).

A foliage plant of magnificent proportions; for sub-tropical massing or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high the first season. Per pkt., 25c.

**Musk Plant** (see Mimulus). **Myosotis** (see Forget-me-not).

**MEMOPHILA** (*Love Grove*).

A genus of exceedingly beautiful dwarf-growing plants. Their height and habit of growing being so uniform, and the colors so varied and striking, they never fail to produce a pleasing effect. Hardy annual; 1 foot.

**Mixed** . . . . . per pkt., 5c.

**NIGELLA** (*Love in-a-Mist*).

Beautiful border plants, with pretty cut foliage and curiously formed flowers. Hardy annuals; 1½ feet.

- Damascena**. Purple or white. . . . . per pkt., 5c.  
**Hispanica**. Blue or white . . . . . " 5c.  
**Mixed** . . . . . per oz., 20c.; " 5c.

*Nemophila.***MAURANDYA.**

These beautiful climbers cannot be too highly recommended, whether for conservatory, greenhouse or for trailing on trellis work. Tender annuals.

**Barclayana, Mixed** . . . . . per pkt., 10c.

**MIMULUS.**

The Mimulus are beautiful tender-looking plants, with almost transparent branches. They luxuriate in damp, shady situations; musk-scented. Tender annual; 1 foot.

- Moschatus** (Musk Plant) . . . . . per pkt., 5c.  
**Splendid Mixed** . . . . . " 5c.

**MOMORDICA.**

Balsam Apple and Balsam Pear. Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective. 15 to 20 feet.

- Balsamina** (Balsam Apple). Orange fruits . . . per pkt., 5c.  
**Charantia** (Balsam Pear). Coppery scarlet colored fruits . . . . . " 5c.

**Monk's Hood** (see Aconitum Napellus).

**Moonflower** (see Ipomœa). **Morning Glory** (see Convolvulus).

**MIMOSA** (*Sensitive Plant*).

Very curious annual. The leaves instantly close up when touched. Tender annual.

**Pudica** . . . . . per pkt., 5c.

*Nigella.*

**MARIGOLD.** (*Tagetes*.)

Among the Marigolds, the African is the most striking in large beds, while the other *Tagetes* varieties are admirably adapted for small beds. They are free-blooming plants of easy cultivation. Hardy annual.

**African Tall Marigolds.**

<b>Double Mixed</b> . . . . .	per oz., 50c.; per pkt., 5c.
<b>Eldorado. Yellow</b> . . . . .	" 5c.
<b>Lemon Queen. Globular flowers, light lemon color</b> . . . . .	" 10c.
<b>Nugget of Gold. Rich gold color, large flowers</b> . . . . .	" 10c.

**French Marigolds, Dwarf.**

<b>Finest French Mixed</b> . . . . .	per pkt., 5c.
<b>Prince of Orange. Very double, rich orange color</b> . . . . .	" 5c.
<b>Legion of Honor. Dwarf, compact, about 15 inches high, with dark green, fern-like leaves, and bright, golden, star-like flowers distributed over the surface. The blooms are of rich golden-yellow, with the center of each petal marked broadly with velvety crimson brown</b> . . . . .	per pkt., 10c.
<b>Gold Margined. Reddish bronze, with gold margin</b> . . . . .	per pkt., 5c.
<b>Lutea. Pure yellow, very double</b> . . . . .	" 5c.
<b>Silver King</b> . . . . .	" 10c.

**Single Marigold.**

**Little Brownie.** Charming, forming compact little bushes only 5 to 6 inches high. It is remarkable for blossoming extremely early and in prodigious abundance, commencing in June. The flowers are vividly colored golden yellow, marked with a large spot of crimson velvet . . . . . per pkt., 5c.

**MATHIOLA BICORNIS.** ("Night Scented Stock.")

An annual garden plant grown for its delicious perfume, which is emitted in the evening and morning, also after a shower. 1 ft. Pkt., 5c.



African Marigold.

**MIGNONETTE.** (*Reseda*.)

Well-known sweet-scented little plants, everywhere at home, either in the greenhouse, garden or sitting room. Hardy annual.

**Allen's Defiance Mignonette.**

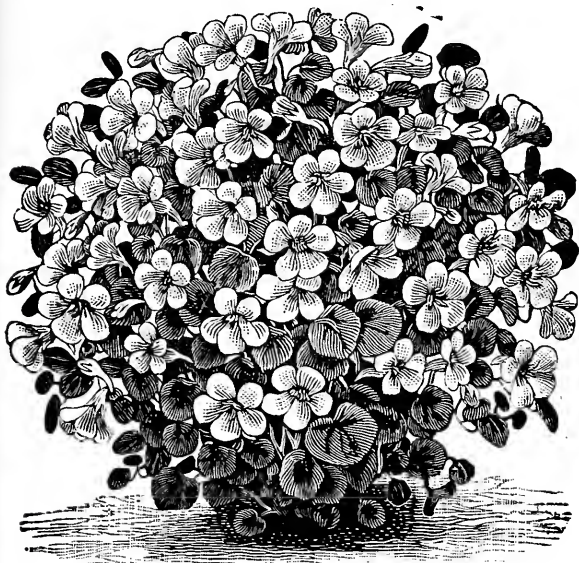
This gorgeous Mignonette has qualities heretofore unknown in large flowering varieties, being deliciously fragrant.

When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long. The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens. **Price per pkt., 10 cts.**

	Per oz.	Per pkt.
<b>Large Flowering.</b> Common sweet variety.	\$0 15	\$0 05
<b>Golden Queen.</b> Yellow-tinted flowers . . . . .	25	05
<b>Miles' Spiral.</b> Very fine. . . . .	60	05
<b>Machet.</b> A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties for either garden or pot culture . . . . .	50	10
<b>Machet Ruby.</b> A fine new Machet Mignonette with coppery scarlet flowers . . . . .		10
<b>Machet Bismarck.</b> New improved variety . . . . .		10
<b>Golden Queen.</b> Golden-yellow flowers; dense dwarf growth . . . . .	35	05
<b>Odorata Maxima Goliath.</b> Bears very large flowers, the center spikes being often 8 inches long. The plant grows in candelabra form and produces fiery red flowers on firm upright stalks . . . . .		10
<b>Odorata Pumila Erecta Aurea.</b> Forms bushes two feet in width, often throwing up over 400 upright spikes of massive golden yellow flowers . . . . .		10
<b>Parson's White.</b> Nearly white . . . . .	75	05



Allen's Defiance Mignonette.

*Nasturtiums.*

## NASTURTIIUMS.

### Tom Thumb Varieties.

The Dwarf Nasturtiums will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely, especially in a poor, rocky soil.

	Per oz.	Per pkt.
<b>Aurora.</b> Salmon-rose . . . . .	\$0 20	\$0 05
<b>Beauty.</b> Light scarlet, splashed canary . . . . .	20	05
<b>Brilliant.</b> Rich scarlet . . . . .	20	05
<b>Chameleon.</b> Splashed crimson, bronze and yellow . . . . .	20	05
<b>Cloth of Gold.</b> Light scarlet; yellow foliage . . . . .	20	05
<b>Crystal Palace Gem.</b> Sulphur, spotted maroon . . . . .	15	05
<b>Empress India.</b> Brilliant crimson; dark foliage . . . . .	20	05
<b>Golden King.</b> Gold-maroon blotches . . . . .	20	05
<b>King Theodore.</b> Scarlet-maroon; dark foliage . . . . .	20	05
<b>King of Tom Thumb.</b> Crimson . . . . .	20	05
<b>Lady Bird.</b> Orange-yellow; red spots . . . . .	20	05
<b>Luteum.</b> Light yellow; no blotches . . . . .	20	05
<b>Pearl.</b> Pure white . . . . .	20	05
<b>Rose</b> . . . . .	20	05
<b>Ruby King.</b> Light ruby-red . . . . .	20	05
<b>Mixed</b> . . . . .	15	05

Collection of one packet of each of these varieties for 50c.

### Tall or Climbing Varieties.

Beautiful and luxuriant annual climbers for trellises, arbors or vases, bearing their gorgeous flowers in profusion until killed by frost.

	Per oz.	Per pkt.
<b>Bright Scarlet</b> (Coccineum) . . . . .	\$0 15	\$0 05
<b>Chameleon.</b> Splashed crimson, bronze and yellow . . . . .	15	05
<b>Dunnetts Orange.</b> Rich golden-orange, garnet blotches . . . . .	15	05
<b>Eduard Otto.</b> Brownish . . . . .	15	05
<b>Heinemanni.</b> Silky bronze chocolate . . . . .	15	05
<b>King Theodore.</b> Velvety dark crimson, dark foliage . . . . .	15	05
<b>Luteum.</b> Pure rich yellow, no blotches . . . . .	15	05
<b>Madame Gunther.</b> New dark-leaved hybrid . . . . .		05
<b>Pearl.</b> Cream white . . . . .	15	05
<b>Prinz Heinrich.</b> New; cream color, spotted red . . . . .	25	05
<b>Regelianum.</b> Purple-violet . . . . .	15	05
<b>Rose</b> . . . . .	20	05
<b>Schillingi.</b> Bright yellow, maroon blotches . . . . .	15	05
<b>Schulze</b> . . . . .	15	05
<b>Tropæolum Lobbianum.</b> Straw color, splashed crimson-garnet blotches . . . . .	15	05
<b>Von Moltke.</b> Bluish rose . . . . .	15	05
<b>Dark Crimson</b> . . . . .	15	05
<b>Finest Mixed</b> . . . . .	10	05

Collection of one packet each of these varieties for 75c.

## NIEREMBERGIA.

Fine for edgings or hanging baskets, the white and purple flowers showing up finely; 1½ feet.

**Frutescens.** Large flowers, robust habit and erect. Hardy perennial. Per pkt., 10c.

**Gracilis.** Light blue; fine for hanging baskets. Greenhouse perennial. Per pkt., 10c.

## NICOTIANA.

**Affinis.** An annual with sweet-scented, pure white, star-shaped flowers, 3 inches across, blooming continually; 2 to 3 feet high. Per pkt., 5c.

## NOLANA.

Are very showy when in flower, and should be planted in the border; fine trailing plants. **Finest mixed.** Per pkt., 5c.

## OXALIS.

Pretty little half-trailing annuals, for hanging baskets, vases, rockwork and edgings, flowering in profusion, 6 to 9 inches. **Mixed Annual Sorts.** Per pkt., 10c. **Trapæoloides Rosea.** Per pkt., 10c.

## CENOTHERA.

Fine mixed (Evening Primroses, or Sun Drops.) Large showy flowers of various colors; hardy annual; 1 to 2 feet. Per pkt., 5c.

*Nasturtiums.*

# PANSY. (Viola Tricolor—Heart's-Ease.)



Pansy.

This charming flower is too well known to need any description. Hardy annual.  $\frac{1}{2}$  foot.

## Famous Strains of Mammoth Mixed Pansies.

**Giant Madame Perret.** A giant flowering variety of the famous Madame Perret strain. Per pkt., 25c.

**Giant Fancy Mixed.** From a grand English named collection. Per pkt., 25c.

**Giant Five-Spotted Pansy.** A magnificent French strain, extra large, perfectly formed, round flowers of much substance. Each of the five petals is marked with large, round, clearly defined eye. Per pkt., 25c.

**Giant Striped Pansy.** Fancy blendings and markings. Per pkt., 25c.

**Madame Perret.** A strain of French Pansies, beautifully marked and penciled, having a larger variety of shades than any other variety. Per pkt., 10c.

**Parisian Giant Strain.** A magnificent French strain. Per pkt., 25c.

**Bugnot's Large Stained Parisian Mixed colors.** A celebrated French strain, extra large, choicest colors, broad blotches and delicate pencilings; ground colors generally light, bringing the elegant markings out in strong relief. Per pkt., 25c.

**New Fancy Belgian.** Mixed colors. Fancy blendings and markings. Per pkt., 10c.

## Giant Trimardeau Pansies.

These are remarkably large Pansies, which, for size of flower and robust growth, eclipse all other strains. Their range of color has heretofore been limited, but this season we are able to offer several grand new varieties.

	Per pkt
<b>Giant.</b> Yellow, black eye . . . . .	\$0 10
" Black-blue . . . . .	10
" Azure-blue . . . . .	10
" King of the Blacks . . . . .	10
" Snowflake . . . . .	10
" Mixed . . . . .	10

## Named Pansies.

<b>Azure-Blue.</b> Very fine . . . . .	05
<b>Black.</b> Faust . . . . .	05
<b>Bronze Colored.</b> . . . . .	05
<b>Brown-Red.</b> Various shades . . . . .	05
<b>Candidissima.</b> Snow Queen. Satiny white . . . . .	05
<b>Cliveden Purple.</b> Excellent bedding varieties . . . . .	10
" White. " " " . . . . .	10
" Yellow. " " " . . . . .	10
<b>Emperor William.</b> Ultramarine-blue. . . . .	05
<b>Fire King.</b> Golden-yellow, upper petals purple, very showy . . . . .	05
<b>Havana Brown.</b> . . . . .	05
<b>Light Blue.</b> Nearly sky-blue . . . . .	05
<b>Lord Beaconsfield.</b> Large flowers, purple-violet, shading off in the top petals to a white hue . . . . .	05
<b>Red Riding Hood.</b> Red, very fine . . . . .	05
<b>White.</b> With black eye, very showy . . . . .	05
<b>Yellow.</b> Pure (yellow gem; without eye) . . . . .	05
" Black stained . . . . .	05
<b>Cassiers, Odier.</b> Three and five spotted. Extra choice strain and largest . . . . .	10
<b>Extra Fine Mixed.</b> . . . . .	10
<b>Fine Mixed for Bedding.</b> . . . . .	05

## PARILLA NANKINENSIS.

Ornamental foliage plants of compact habit; leaves dark mulberry color; useful for ribbon effects;  $1\frac{1}{2}$  feet. Per pkt., 5c.

## PASSION FLOWER.

Handsome rapid-growing perennial climber for greenhouse decoration or sunny positions in the open ground in summer. **Cærulea.** Large flowers of violet and blue, per pkt., 10c. **Alba.** Large white flowers, per pkt., 10c.

# PETUNIAS.

The Petunia cannot be equaled by any plant for outdoor decoration. They will flower the first season, even if sown in the open ground, but usually not before June. Those sown in the house or hotbed in April will bloom in June and be larger and finer plants. Half hardy annual. 1½ feet.

**Inimitable nana compacta.** Very dwarf, splendid for edging or massing, striped . . . . . per pkt., 10c.  
**Single, Striped and Blotched** . . . . . " 10c.  
**Finest Mixed** . . . . . " 5c.  
**Double Lilliput Rosa Bonheur.** A charming new double Petunia, the first self color in the dwarf compact Lilliput class; the flowers being of a most beautiful shade of pure rose . . . . . " 15c.

## PETUNIA GRANDIFLORA.

(Giant Flowering Petunia.)

This is a strain of incomparable beauty, size and luxuriance. The flowers are of immense size, the fringed varieties exquisitely ruffled and fringed on the edges, but the extreme elegance lies in the great variety of colors, markings, blotching and striping, in the most beautiful combinations.

**Grandiflora, Single Mixed**, per pkt., 25c.; **Grandiflora, Single Fringed, Mixed**, per pkt., 25c.; **Grandiflora, Double fringed, Mixed**, per pkt., 25c.



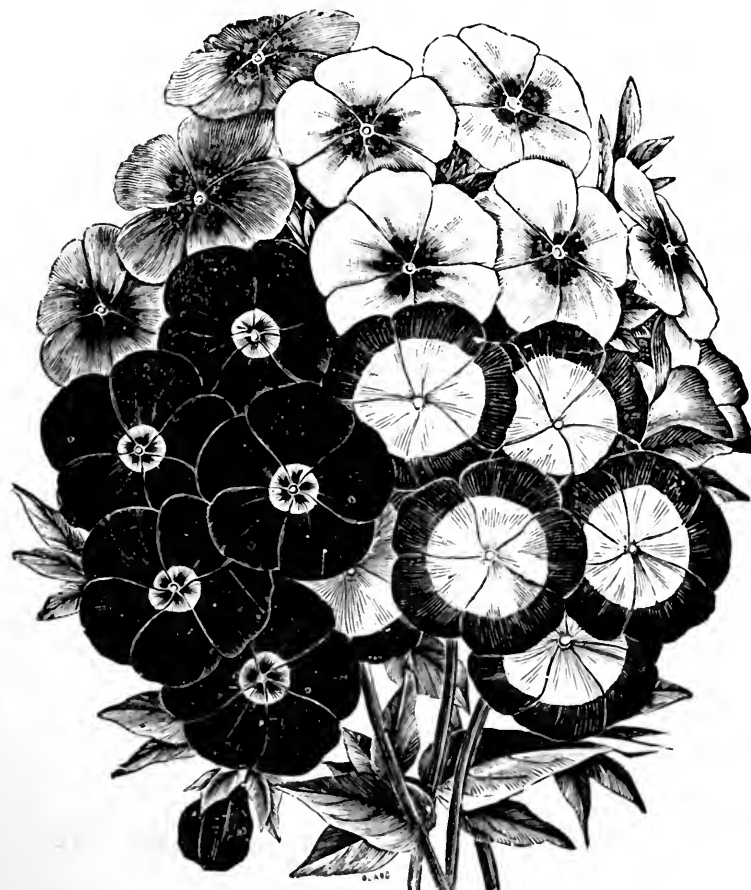
*Petunia.*

## PHLOX DRUMMONDI.

The Phlox Drummondii is one of our best annuals, flowering freely all the summer. For richness of color they cannot be surpassed. They are invaluable for beds and ribbon gardening; therefore no garden should be without them. Hardy annual, 1 foot. **Mixed Colors** . . . . . per pkt., 5c.

### Grandiflora or Large-flowered Phlox.

An improved strain, with extra large, perfectly round flowers, with petals overlapping each other.



*Phlox.*

**Alba.** Purest white, large round flowers of splendid substance . . . . . per pkt., 10c.  
**Large Flowered, Mixed** . . . . . " 10c.

### Dwarf or Nana Compacta Phlox.

These form little round compact bushes about 6 inches high, thickly studded with flowers.

	Per pkt.
<b>Fireball.</b> Dwarf, brilliant fiery scarlet, fine for edging . . . . .	\$0 10
<b>Snowball.</b> Dwarf, pure snow-white . . . . .	10
<b>Leopoldi.</b> Red, white eye . . . . .	10
<b>Chamois Rose.</b> Silvery pink, a beautiful color . . . . .	10
<b>Blue Striped</b> . . . . .	10
<b>Atropurpurea.</b> Deep purple . . . . .	10
<b>Surprise.</b> This variety produces plants of the globular habit characteristic of its class, and is covered with brilliant vermilion red flowers, the center of which is adorned by a pure white star . . . . .	10
<b>Mixed.</b> Above sorts . . . . .	10

### Graf Gero Phlox.

A dwarf, very compact-growing and free-blooming variety. A very free bloomer, with a great variety of colors. **Mixed** . per pkt., 10c.

### Star Phlox.

**Star of Quedlinburg.** Flowers are of regular star-like form. Plant of compact habit, about 18 inches high, bearing large umbels of flowers. Colors varied and beautiful.

**Mixed Colors** . . . . . per pkt., 10c.

### Hardy Phlox.

Magnificent hardy flowering plants, growing into strong bushes from 2 to 3 feet high, bearing immense heads of large waxy flowers of lovely shades of color.

**Large-flowering Hybrids.** Mixed . per pkt., 10c.



**SALVIA.**

One of our handsomest summer and autumn flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations. Half hardy perennial.

**Silverspot** . . . . . per pkt., 25c.

**Splendens.** (Scarlet Sage.) Scarlet . . . . . " 5c.

**Bonfire.** (Salvia Splendens Nana Compacta Erecta.) This variety, without question, is the finest Salvia for bedding yet introduced. The plants grow into very compact oval bushes about 2½ feet high and produce long spikes of brilliant scarlet flowers. They stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. Gorgeous effects can be produced with the Bonfire Salvia massed on the lawn or in the garden, or planted in rows along a sunny drive, where the brilliant scarlet is simple dazzling. Perennial, but blooms the first season from seed . . . . . per pkt., 15c.

**SCABIOSA, or SWEET SCABIOUS.**

The Mourning Bride of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers; colors white, carmine, lilac, maroon, etc. They are very effective for garden decoration, and equally valuable for cutting purposes; annuals; 1 foot.

**Dwarf, Double, Mixed Colors** . . . . . per pkt., 5c.

**Mixed Double, Tall** . . . . . " 5c.

**Candidissima.** Large pure white . . . . . " 10c.

**Dwarf Double.** Golden yellow . . . . . " 10c.

**Stellata.** Starry . . . . . " 10c.



*Scabiosa.*

**Pompadour.** The enormous flower heads are quiet round; the florets are black-purple at the top and pure white from the center to the bottom. Per pkt., 10c.

**Scabiosa Caucasica Lilac.**

One of the handsomest of hardy perennials, forming a spreading and dense plant, 2 to 3 feet high, thriving well in ordinary garden soil, and should be grown by every one, if only for its flowers for cutting, as they last a long time in water, and their peculiar soft lilac-blue shade is charming . . . . . per pkt., 10c.

**Caucasica Alba.** White . . . . . " 10c.

**DWARF LARGE-FLOWERING DOUBLE TEN WEEKS.**

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. They should be given good rich soil to grow in, and will amply reward good treatment with remarkably large pyramids of bloom; the flowers represent a great diversity of color. The Double Large-Flowering Ten Weeks Stocks are great improvements over the Gilliflowers of the olden times, the flowers being much larger and more densely double, and there is also a

much larger variety of colors and shades than there used to be.

**DWARF LARGE FLOWERING.**

White . . . . . per pkt., 10c. Canary yellow . . . . . per pkt., 10c.

Carmine scarlet . . . . . " 10c. Shining purple . . . . . " 10c.

Crimson . . . . . " 10c. Blood-red . . . . . " 10c.

Rose . . . . . " 10c. Light blue . . . . . " 10c.

Finest mixed . . . . . " 05c.

**Giant Perfection Ten Weeks Stock.** This magnificent strain is without a rival for open-ground planting, attaining a height of 2½ ft. The spikes of bloom are very long, and the individual flowers are enormous in size and very double.

Mixed . . . . . per pkt., 10c. Pure white . . . . . per pkt., 10c.

**Snowflake Stock.** A beautiful dwarf-growing variety; very large double white flowers; very early . . . . . per pkt., 10c.

**Cut and Come Again.** The well known profuse and perpetual flowering white stocks . . . . . 10c.

Mixed . . . . . " 05c.



*Double Stocks.*

**LARGE-FLOWERING WINTER STOCK EMPRESS ELIZABETH.**

This splendid large-flowering stock grows about 18 inches high, with a very strong main stem, and branches out in candelabra form. Both main and side stems are covered with large rose-shaped flowers of the brightest imaginable tint of carmine rose. It comes in early, stands unfavorable weather well, and produces about 70 per cent. of double flowers. One of the best Stocks, if not the best, ever introduced. Per pkt., 25c.



Sweet Peas.

# SWEET PEAS

(*Lathyrus odoratus*.)

These exceedingly beautiful and fragrant hardy annuals are now most popular.

**DIRECTIONS FOR CULTURE.**—Sweet Peas succeed best in a deep, rich soil. The most approved method of cultivation is to sow in a trench 5 or 6 inches deep, covering them at first with only 1 inch of soil; then, as the plants grow, fill in the earth about them 1 inch at a time. After the plants are well grown up, they should be watered copiously, and bone meal, worked into the soil

about the roots, is recommended. Proper trellis or other supports should be provided.

The first sowing of Sweet Peas may be made very early in the spring, as soon as the frost is out of the ground. For a succession some should be sown every few weeks afterward. For fall flowering they may be sown as late as July. Then, again, they may be sown late in the fall for very early blooming the following spring, but in that case a dry situation is preferable, and they should be sown 4 or 5 inches deep, and not in the trench method.

**PRICES** for any of the below-named Sweet Peas, excepting for those individually priced, 5c. per packet (of about 100 seeds, enough for a single row 6 feet long); 10c. per ounce (300 to 400 seeds); 25c. per  $\frac{1}{4}$  lb.; 75c. per lb. Delivered free in United States. Or assortments containing—

1	packet	each	of	40	named	varieties,	our	own	selection,	. . .	\$1	50
1	"	"	"	20	"	"	"	"	"	. . .	80	
1	"	"	"	10	"	"	"	"	"	. . .	40	

## NINETY NAMED VARIETIES.

All Excellent Distinct Sorts.

**Adonis.** Carmine-rose, very showy.

**Alba magnifica.** Pure white, very large flower.

**Alice Eckford.** Rich, cream-tinted cerise standards, white wings; very beautiful.

**America.** Large, bold flower; white striped with blood-red.

**Apple Blossom.** Bright pink and blush, beautifully shaded.

**Aurora.** Gigantic expanded shell form; both standard and wings are flaked and striped with orange-salmon on white.

**Blanche Burpee.** Superb, pure white; immense size, perfect form.

**Blanche Ferry.** Large pink and white flowers; very early; free flowering.

**Blanche Ferry, Extra Early.** Ten days earlier than any other Sweet Pea.

**Blushing Beauty.** Soft pink, suffused with lilac; extra large.

**Burpee's Extra Early.** Similar to Extra Early Blanche Ferry, but of dwarfier habit and blooms ten days earlier. It grows but 2 ft. high and needs no brush or trellis.

**Coquette.** Deep primrose, shaded fawn.

**Countess of Aberdeen.** White, margined with pale pink.

**Countess of Powis.** "For exquisite beauty and delicate finish this lovely variety is unequaled, the color being a glowing orange suffused with light purple, with a beautiful satin polish; novel in the extreme. In size and color this flower is really unique."

**Countess of Radnor.** Standards delicate lavender; wings dark mauve; lovely.

**Crown Princess of Prussia.** Flesh-pink, tinted with salmon-buff.

**Crown Jewel.** Creamy white, veined with violet-rose.

**Cupid, White.** Dwarf white; fine for pots inside.

**Cupid, Pink.** Like the above, but pink color.

**Boreatton.** Crimson-purple; very dark large flowers.

**Butterfly.** Pale gray, with distinct porcelain edge.

**Brilliant.** The broad standard is inclined to hood, while the wings are well spread. The color is of a rich, bright crimson-scarlet. The wings nearly equal the standard in intense richness of color. The flowers are borne three on a stem, and retain their full brilliancy even under the hottest sun.

**Capt. of the Blues.** Bright purple and pale blue.

**Captivation.** This is really a new color in Sweet Peas; a glowing ruby-purple or bright claret. Large shell-shaped standard; a charming novelty.

**Celestial.** Round shell-shaped flowers; standards delicate lavender-blue; wings silvery lavender.

**Delight.** White, slightly crested with crimson; very small flowers.

**Dorothy Tennant.** Very large, round, shell-formed flower of rosy heliotrope, deepening as the flowers age.

**Duke of York.** Bright rosy pink standards; primrose wings, tinted white.

**Duke of Clarence.** Rosy claret; self-colored flowers; extra large.

**Duchess of Edinburgh.** Scarlet and crimson; small flowers.

**Eliza Eckford.** Pale rose, flaked with deeper rose.

**Emily Eckford.** Porcelain blue, suffused with reddish mauve.

**Emily Henderson.** Absolutely pure white. Extra large, with broad, round standards that stand up boldly. The plants produce such an abundance of flowers that they appear as if covered with snow.

**Emily Lynch.** Deep rose-pink, shaded buff; softer in wings.

**Empress of India.** Rose pink.

**Etna.** Brownish-crimson and violet.

**Fairy Queen.** White, blushed and feathered with pink.

**Firefly.** Intense glowing crimson.

**Gaiety.** Standards white, striped and flaked with rosy lilac; wings delicate blush.

**Golden Gate.** Pinkish-mauve and lavender; upright rolled wings.

**Gray riar.** White clouded, dotted lilac.

**Her Majesty.** Beautiful soft rosy pink; very large flowers.

**Igneat.** Fiery crimson scarlet, slightly flushed with purple.

**Indigo King.** Maroon-purple standards; indigo-blue wings.

**Invincible Scarlet.** Intense scarlet.

**Juanita.** Large shell-shaped flower; white, with delicately striped and clouded rosy lavender.

**Katherine Tracy.** Exquisite bright pink; a large, perfect flower, very profuse; stands our hot sun without fading.

**Lady Nina Balfour.** Is one of the most exquisite of recent introductions, being exceedingly lovely. In color it is the most delicate mauve imaginable, beautifully shaded with a charming dove-gray, which gives a most captivating charm to the whole flower.

**Lady Beaconsfield.** Salmon standards, tinted rose; wings pale yellow.

**Lady Penzance.** Beautiful bright rose; splendid form.

**Lemon Queen.** Blush pink and lemon; very beautiful.

**Little Dorrit.** Pink standards; white wings; beautiful.

**Lottie Eckford.** Rose and white, edged with blue.

**Lovely.** Pleasing shade of pink; wings delicate rose, a charmingly colored, large, grand flower.

**Mars.** Bright fiery crimson, deepening with age; a large, round, expanded standard.

**Meteor.** Standard bright orange-salmon; wings pink-veined.

**Monarch.** Very large, round, expanded flower; standard maroon purple; wings plum purple.

**Mrs. Eckford.** A large flower of a charming primrose yellow; strong grower; profuse.

**Mrs. Joseph Chamberlain.** A large, round, shell-shaped flower of fine form; white ground, striped and shaded with bright rose.

**Mrs. Sankey.** Largest and best white for florists' use.

**Mrs. Gladstone.** Delicate soft pink, with rosy blush wings.

**New Countess.** A great improvement on the popular Countess of Radnor, as both standard and wings are a most beautiful, clear, light lavender throughout. It comes absolutely true from seed, and is undoubtedly the best lavender Sweet Pea.

**Novelty.** Standard bright orange-rose; wings light mauve.

**Ovid.** Standards and wings rosy pink, margined rose.

**Painted Lady.** The old pink and white; flowers small.

**Peach Blossom.** Salmon-pink standards; wings soft pink.

**Prima Donna.** Light blush pink; very beautiful; large flower.

**Primrose.** Pale primrose-yellow.

**Prince Edward of York.** Is one of the largest of the new varieties, having finely expanded standards of a charming shade of scarlet, and large wings of the deepest rose color; one of the most effective.

**Purple Prince.** Standard maroon, shaded bronze; wings purple.

**Princess Beatrice.** Delicate blush pink, marked with deeper shades.

**Princess of Wales.** White, striped lavender and mauve.

**Queen of the Isles.** White and red, striped and mottled.

**Queen of England.** Pure white notched at top of standard.

**Queen Victoria.** Cream, tinged rosy apricot; cream wings.

**Romona.** Very large flowers, creamy white, shaded pale pink.

**Red Riding Hood.** Rosy pink, shading to blush white at the calyx.

**Rising Sun.** Orange and rose, shaded carmine; small, "old style."

**Royal Robe.** Delicate pink standards; wings soft blush pink.

**Royal Rose.** Standards deep carmine rose; wings a charming rosy pink, immense size.

**Sadie Burpee.** Pure white, strong grower, free flowering, and produces its flowers on long, stout stems.

**Salopian.** Flowers are of grand size and well-expanded form; standards quite broad, of good substance, slightly pointed with the upper edges well recurved. Coloring is a vivid red, but a darker shade than the scarlet of Firefly. The wings are large, slightly recurved, deep red, tinged with rose.

**Senator.** Chocolate and creamy white, mottled and blotched.

**Shahzada.** A decided advance in the direction of dark-colored Sweet Peas. Noticeable for its size, form and floriferousness. The color, rich dark maroon with a shade of purple, is most distinct and attractive.

**Splendour.** Superb bright rose, shaded crimson.

**Stanley.** Deep maroon self; large and of finest form.

**The Queen.** Mauve and pink.

**Triumph.** Is a flower of enormous size—a veritable giant among Sweet Peas, and also of most attractive beauty. The standard is bold and well expanded, of the most exquisite bright orange-pink; the wings white, slightly flushed with delicate purple; a perfect flower.

**Venus.** Salmon-buff; standards delicately shaded with rosy pink.

**Waverly.** Standard rosy-claret; wings light blue.

## SWEET PEAS IN MIXTURE.

	Per oz.	Per ¼ lb.	Per ½ lb.	Per lb.
<b>Our Own "High Grade" Mixed.</b> Comprising the finest Eckford and other new and choice large-flowering varieties . . . . .	\$0 10	\$0 25	\$0 40	\$0 75
<b>Eckford's Mixed.</b> Composed of Eckford's varieties only . . . . .	10	20	30	50
<b>Standard Mixed</b> . . . . .	10		20	30

*Torenia Fournieri.***SINGLE SUNFLOWERS.**

**Thousand-flowered.** Often grows 12 to 15 feet high, and from base to summit bears hundreds of branches bearing a multitude of medium-sized golden-yellow flowers with small black centers. Oz., 20c; pkt., 5c.

**Macrophyllus Giganteus.** A branching pyramidal-shaped plant; yellow, 6 feet, per oz., 15c.; per pkt., 5c.

**Miniature Sunflower.** (*Cucumerifolius*.) Of dwarf branching habit, bearing many little flowers; orange with black center; 3 feet. Per oz., 25c.; per pkt., 5c.

**Stella.** Flowers 3 inches across, golden yellow with small black centers; borne on long stems, rendering them of value for cutting. Blooms abundantly from June until frost; height, 3 to 4 feet. Per oz., 35c.; per pkt., 5c.

**DOUBLE SUNFLOWERS.**

**Californicus fl. pl.** Large double orange. Per pkt., 5c.

**Globosus Pistulosus.** Perfectly round flowers; very double; saffron; 6 feet. Per oz., 25c.; per pkt., 5c.

**Uniflora.** Tall double . . . . . per pkt., 5c.

**Nana.** Dwarf " . . . . . " 5c.

**SINGLE SWEET VIOLETS.***(Double Violets. Do not Seed.)*

**Large-flowering. Mixed colors.** Hybrids between the sweet violet and the pansy, retaining the delightful violet perfume of the former with beautiful pansy-like blossoms, 2 to 2½ inches across, of much substance and a variety of beautiful colors, shades, markings, blendings, etc. The plants are hardy and vigorous. Pkt., 10c.

**WALLFLOWER.** (*Cheiranthus Cheiri*.)

Well-known favorites, much esteemed for their fragrance; they prefer a sunny situation. Tender perennial; 1½ feet.

**Double Mixed** . . . per pkt., 5c. **Single Mixed** . . . per pkt., 5c.

**ZINNIA.**

Well-known favorites, suitable for every garden, blooming most profusely from July to frost. Few plants in the flower border are more effective. Should be more extensively cultivated, as the varieties have been much improved of late. Hardy annual.

**SEMI-DWARF VARIETIES.**

	Per oz.	Pkt.		Per oz.	Pkt.
<b>Double Crimson</b> , ½ ft., 50c.	50c.	5c.	<b>Double White</b> . . . . .	50c.	5c.
" <b>Purple</b> . . . . .	50c.	5c.	" <b>Yellow</b> . . . . .	50c.	5c.
" <b>Violet</b> . . . . .	50c.	10c.	" <b>Mixed</b> . . . . .	50c.	5c.
" <b>Scarlet</b> . . . . .	50c.	5c.	" <b>Tom Thumb</b> . . . . .	50c.	5c.

**Curled and Crested Zinnias.** Large double flowers, with petals twisted, curled and crested into the most fantastic and graceful forms. Usual range of colors. Per pkt., 10c.

**Nana Compacta Miniature.** Very pretty, fine for edging, being considerably smaller and the plants dwarf and compact. Per pkt., 10c.

**Pumila.** Very dwarf and growing very compact. Per pkt., 10c.

**SWEET WILLIAM.** (*Dianthus Barbatus*.)

A well-known free-flowering favorite, unsurpassed for richness and variety of color. Very effective for bedding. Hardy biennial; 1½ feet.

**Single Mixed** . . . . . per pkt., 5c.  
**Double Mixed** . . . . . " 5c.

**THUNBERGIA.**

Ornamental free-blooming climbers of rapid growth, with handsome foliage and much-admired flowers. They should be sown in a warm situation. Half hardy annual.

**Alata.** Buff, with dark eye . . . . . per pkt., 5c.  
**Alba.** White, with dark eye . . . . . " 5c.  
**Bakeri.** Pure white . . . . . " 5c.  
**Freyeri.** Orange . . . . . " 5c.  
**Mixed** . . . . . per oz., 40c. " 5c.

**TORENIA.**

Pretty plants for vases or hanging baskets. Succeed well in the open ground. Tender annual; 1 foot.

**Fournieri.** Porcelain-blue and rich violet; throat bright yellow. Per pkt., 10c.

**White Wings.** Pure white, with rose throat. Per pkt., 10c.

**TROPÆOLUM LOBBIATUM.***(Lobb's Climbing Nasturtiums.)*

The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium, but their greater profusion renders them superior. Height, 12 to 15 feet.

**Mixed Colors** . . . . . per pkt., 5c.

**VINCA.**

Beautiful. Fine for parlor, greenhouse or garden decoration. Their color can hardly be surpassed. Tender perennial; 1½ feet.

**Alba.** Pure white. **Rosea.** Bright rose . per pkt., 10c.  
**Rosea alba.** White with rosy eye . . . . . " 10c.  
**Mixed** . . . . . " 10c.

**VERBENA.**

Well-known and universally admired favorites. Fine for bedding. Half hardy perennial.

**Scarlet Defiance.** Extra fine scarlet . . . per pkt., 10c.

**Fordhook Mammoth Large-flowering.** Dazzling colors and large distinct eyes . . . per oz., \$2.50; per pkt., 10c.

**Fine Mixed** . . . . . " 0.75; " 5c.

**Lemon Scented** (*Alaysia Citriodora*) . . . . . " 10c.

*Zinnias.*COPYRIGHTED BY  
VILMORIN-ANDRIEU & CO.

# High Grade Central Park Lawn Grass Seed

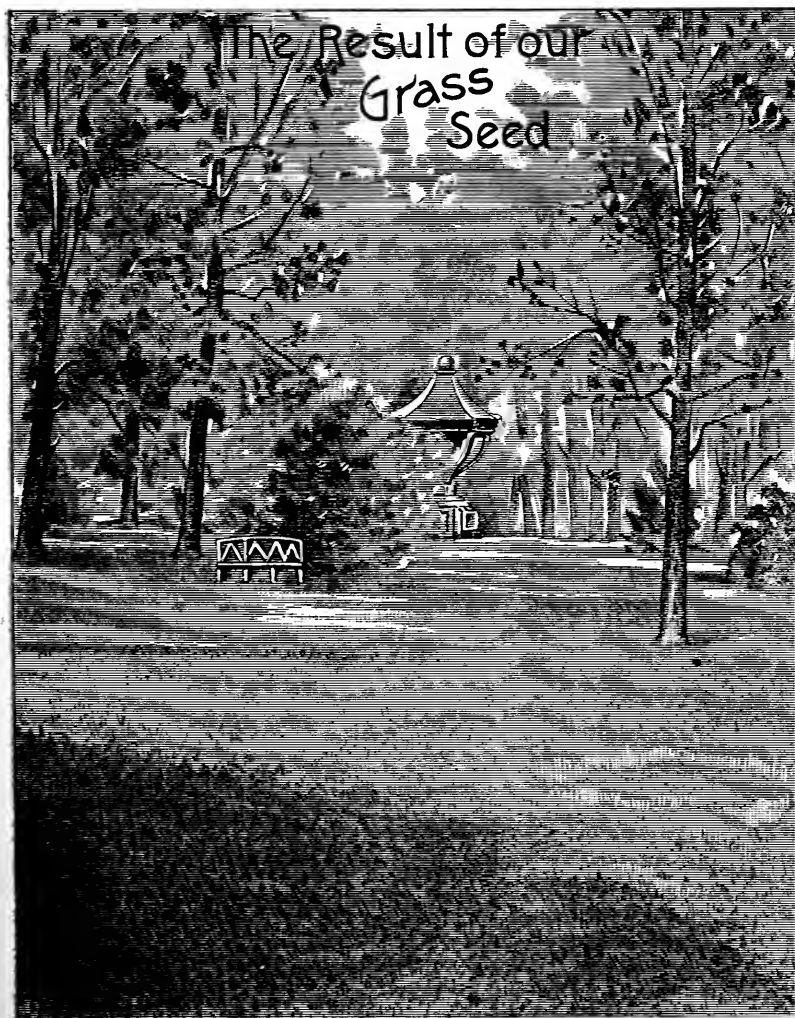
FOR LAWNS, GRASS PLOTS, TENNIS COURTS,  
CRICKET GROUNDS, ETC.



Sow "**High Grade**" Central Park Lawn Seed and you will obtain a beautiful deep green lawn, which, owing to the varieties used in this mixture, will retain its velvety appearance during the entire summer. Weight, 22 pounds per bushel.

One quart of "**High Grade**" Central Park Lawn Seed is sufficient to sow about fifteen feet square; an acre will require from three to four bushels. To produce a good lawn it is always best to sow the seed thickly.

Price, 25c. per quart; \$1.50 per peck; \$5.00 per bushel.



## How to Make a Lawn.

Nothing seems to give as much satisfaction and appears as pleasing to the eye as the rich, dark green velvety lawn one sees about the country, and which can be easily secured with very little expense, and but very little exertion, if the following instructions are observed: In the first place, see that your plot is well drained and prepared, by having the ground thoroughly plowed, then harrowed, until the surface is completely pulverized. Add about half ton of ground bone to the acre, and harrow this in before sowing the seed. When the seed has been sown, a light harrow should be applied (or light raking in will answer), in order to protect the seed from the wind or the birds. Then make the surface smooth and even with a roller. When the grass is well grown cut it frequently; the oftener you mow the finer and softer your grass will be. For small plots follow the directions above, using a rake instead of a harrow, and if more convenient the back of a spade can be used to press down the surface instead of it being rolled. Lawn seed may be sown any time during the summer or fall, but advise sowing in the spring. The quantity of grass seed used per acre varies according to mixture, and the quantity required will be found, noted with each variety and mixture.

## Central Park Lawn Grass.

The Dwarf-Growing seed we offer under the above name is the same mixture of selected seeds as has been furnished for several years to the Department of Parks and to most of the Florists and Gardeners of New York City and Brooklyn.

One quart of the Central Park Mixture is sufficient to sow about fifteen feet square; an acre will require from four to five bushels. To produce a good lawn it is always best to sow the seed thickly.

### PRICE OF CENTRAL PARK LAWN GRASS.

Pint packages, each . . . . .	\$0 10	By mail . . . . .	\$0 15
Quart " . . . . .	20	" . . . . .	30
Per ½ peck, 60 cents; per peck, \$1.00; per bushel, \$3.50.			

# LAWN GRASS MIXTURES.

For Special Situations.

Having made a special study of grasses we invite correspondence on the subject, and are always willing to advise, as far as our knowledge will permit, how to secure the desired results, or shall cheerfully prescribe for whatever the requirements of any special plot may be.

With a view to overcome difficulties in getting grass to grow, generally the result of using mixtures of grasses not adaptable for the peculiar situations and conditions, we offer herewith a few Special Mixtures, made up of varieties which will thrive in these situations, and under the conditions for which they have been prepared.

## SHADY PLACE LAWN SEED.

There is nothing more annoying in caring for a lawn than the bare, unsightly spots under the trees, shrubs, etc., and invariably all efforts have failed to get the grass to grow in such places, but by sowing this mixture the difficulties will be overcome. It is a combination of dwarf-growing varieties which will do well in all shaded places, being found in their natural state in woods and other sheltered spots.

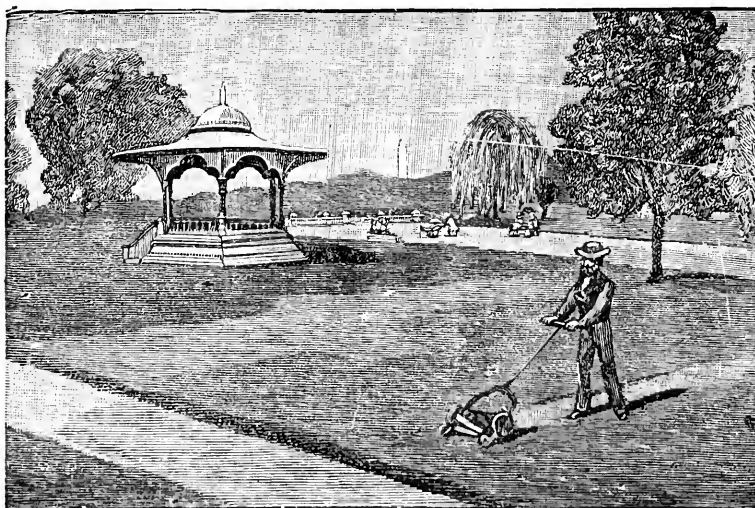
Price, per quart, 35c. ; per peck, \$2.25 ; per bushel, \$7.00.

## THE "TERRACE" MIXTURE OF LAWN SEED.

A special mixture of grasses best suited for sowing on terraces and side hills—grasses that produce strong spreading roots, thus preventing heavy rains from washing them out ; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season.

Price, 35c. per quart ; \$2.00 per peck ; \$7.00 per bushel.

**To Grass a Bank or Terrace.**—For each square rod, take two quarts of lawn grass seed and mix it thoroughly with six cubic feet of good, dry garden loam. Place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and as thin as possible.



## GOLF LINK MIXTURE.

A suitable mixture of Grasses for Golf Links.

While the outlying portions of the "Links" can be seeded with less expensive grasses, the "putting" for about twenty yards around the "holes" must be sown with the very finest grasses.

For Putting Greens we can supply a special mixture of grasses. Price, 30c. per qt. ; \$1.75 per peck ; \$6.00 per bush.

For the Outlying Grounds or Links proper we can supply a suitable mixture of grasses. Price, \$2.50 per bush. ; 20 bushels and upward, \$2.25 per bush.

## GRASS SEED MIXTURES.

For Hay and Permanent Pasture.

For every different kind and condition of soil there are a large number of grasses, either indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather ; others prefer plenty of moisture.

Some mature so early and others so late that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. From these considerations the importance of sowing many varieties for pasture and meadow purposes will be apparent, consisting of the following varieties : Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet-Scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Timothy and Red and Alsike Clover, blended in proportions which, we have found from actual use, give the most satisfactory results.

On ordinarily fertile soil three bushels of this mixture are sufficient to seed an acre, but where the land is poor a larger quantity will be necessary. Taking one soil with another, a fair average would be three bushels to the acre.

For Hay and Permanent Pasture for Light Soils.  
 " " " " " Medium Soils.  
 " " " " " Heavy Soils.

" Orchard and Shady Places.

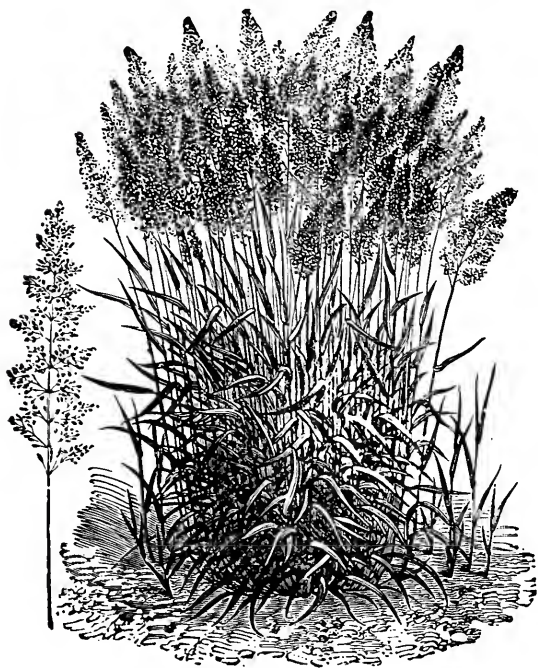
" Hay only. Specially recommended for large hay crop.

" Pasture only. Will stand close cropping without injury.

\$2.50 per bushel of 14 lbs.  
 20 bushel lots, \$2.45 per bushel  
 50 " 2.40 "  
 100 " 2.35 "

# GENERAL LIST OF GRASSES AND CLOVERS.

Prices Subject to Change.



Red Top.

**Fancy Red Top.** Clean seed, free from chaff. Per lb., 25c., postpaid; bush. (32 lbs.), \$7.00.

**Kentucky Blue Grass** (*Poa Pratensis*). Well known and extensively grown in all parts of the country; thrives well in a variety of soils and endures the hottest summer. Per bush. (14 lbs.), \$2.50; per lb., 25c., postpaid.

**Bermuda** (*Cynodon Dactylon*). Per lb., \$1.00, postpaid.

**ORCHARD GRASS** (*Dactylis Glomerata*). A valuable pasture grass, relished by stock of all kinds, particularly adapted for growing in shady, moist places, under trees, etc. Per bush. (14 lbs.), \$3.50; per lb., 25c. postpaid.

**TIMOTHY or HERD GRASS** (*Phleum Pratense*). A variety well known and highly appreciated, producing a profitable hay crop in almost any soil;  $\frac{1}{4}$  bushel per acre. Per bush. (45 lbs.), about \$2.50; per lb., 15c., postpaid.

**Meadow Foxtail** (*Alopecurus Pratensis*). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock. Per bush. (7 lbs.), \$2.50; per lb., 40c., postpaid.

**Sweet Vernal Grass** (*Anthoxanthum Odoratum*). Prized more for its early growth than nutritive value. It should be sown in connection with other grasses. Per lb., 85c., postpaid.

**TALL OAT GRASS** (*Avena Elatior*). Producing an early and luxuriant growth, this is a valuable variety for pastures. Per bush. (10 lbs.), \$3.50; per lb., 45c., postpaid.

**Johnson Grass** (*Sorghum Halapense*). Per bush. (25 lbs.), \$3.00; per lb., 20c., postpaid.

**Rhode Island Bent** (*Agrotis var.*). Excellent for lawns or pastures. Per bush. (14 lbs.), \$4.50; per lb., 35c., postpaid.

**CRESTED DOGSTAIL** (*Cynosurus Cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns. Per lb., 50c., postpaid.

**HARD FESCUE** (*Festuca Duriuscula*). One of the most desirable dwarf grasses, excellent for dry soils. Per bush., \$2.50; per lb., 25c., postpaid.

**MEADOW FESCUE** (*Festuca Pratensis*). A valuable grass for permanent pastures, very productive and nutritious. Per lb., 35c., postpaid.

**SHEEP FESCUE** (*Festuca Ovina*). An excellent grass for sheep pastures. Per lb., 35c., postpaid.

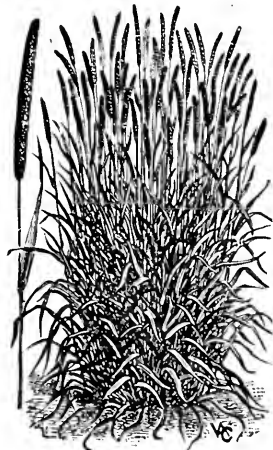
**English Rye Grass** (*Lolium Perenne*). A very nutritious, rapid-growing variety, valuable for meadows and pastures. Per bush. (24 lbs.), \$2.50; per lb., 25c., postpaid.

**Italian Rye Grass** (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. Bush. (18 lbs.), \$2.50; lb., 25c., postpaid.

**Rough Stalked Meadow Grass** (*Poa Trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. Per lb., 50c., postpaid.

**Wood Meadow Grass** (*Poa Nemoralis*). A very productive and nutritive grass, adapted for lawns or pastures. Thrives well under trees. Per lb., 50c., postpaid.

**HUNGARIAN GRASS** (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks, often yielding two or three tons of hay per acre; 1 bushel per acre. Per bush. (48 lbs.), \$2.00; per lb., 25c., postpaid.



Timothy.

## CLOVERS.

**Alfalfa or Lucerne** (*California Grown*). A deep, rich soil is best adapted to the cultivation of this plant; in such several crops are produced in a season; 15 lbs. sow an acre. Per 100 lbs., \$15; per lb., 20c., postpaid.

**ALSIKE** (*Trifolium Hybridum*). Per 100 lbs., \$18.00; per lb., 25c., postpaid.

**WHITE** (*Trifolium Repens*). Per lb., 25c., postpaid; per 100 lbs., \$20.00.

**TREFOIL** (*Medicago Lupulina*). Excellent for sheep pasture. Per lb., 30c., postpaid.

**MEDIUM RED** (*Trifolium Pratense*). Per lb., 15c.; per 100 lbs., \$11.00.

**CRIMSON** (*Trifolium Incarnatum*). Per lb., 15c.; per 10 lbs., \$1.20, by express.

## THE BEST SHEEP FODDER.

**RAPE—Dwarf Essex, English.** The growing of Rape is becoming more general year by year, and with much profit to the farmer. While the crop is more especially grown for feeding sheep, still cattle, pigs and milch cows do very well upon it. If possible, sheep should have access to a grass pasture, on which they will feed alternately with the Rape, thus keeping them in the best of thriving condition. A constant supply of salt in the Rape field is quite beneficial. For sheep pasture, it may be sown in May and will be ready for pasturing in July and August. Or it may be sown in June, or even up to the latter part of July, and furnish a large amount of pasture or fodder. In drills, sow 5 lbs. to the acre; broadcast, 10 lbs. to the acre. Per lb., 15c., postpaid; per 100 lbs., \$8.00.



English Rye.



## BIRD SEED, BIRD FOOD, ETC.

### Bird Seed and Prepared Bird Food.

Making a Specialty of Bird Foods, etc., our facilities are unsurpassed for producing the best articles at the most reasonable prices.

	Per bush.	Per qt.
Canary Seed. Spanish . . . . .	\$3 00	\$0 15
" " Sicily . . . . .	3 00	15
Rape Seed. German Summer . . . . .	3 00	10
Hemp Seed. Imported . . . . .	2 50	15
Millet Seed. American . . . . .	2 00	10

	Per lb.
Millet Seed. Imported Yellow . . . . .	\$0 10
" " White . . . . .	25
Maw Seed. Blue . . . . .	15
Lettuce Seed . . . . .	30
Sunflower Seed . . . . .	10
Unhulled Rice or Paddy . . . . .	10

**Song Restorer or Treat.** An invigorating Tonic and Restorative for Canary Birds, Goldfinches, Linnets, and all Seed Birds. This preparation will, in every case, restore to their natural notes birds who have lost their song from the effects of cold or excessive moulting. For breeding birds and their young it is invaluable, strengthening their notes and improving their plumage. Price, per bottle, 25c.; by mail, 30c.

**Prepared Mocking Bird Food.** (Gold Medal Brand.) For Mocking Birds, Thrushes, Blackbirds, Robins, Nightingales, Skylarks, and all Soft Bill Birds, this preparation is the purest, healthiest, and cheapest bird food known; its ingredients approximating closely to the food of birds in their natural state, and its use in all cases causing a marked improvement in their song and appearance. Prices, 1-lb. bottles, screw top, per bot., 35c.; 1-lb. tin cans, 35c.; in bulk, 30c. lb., 4 lbs. for \$1.

**Imported Mixed Bird Seed.** In lb. boxes (full weight), 10c. each; doz., \$1.00.

**Washed Silver Gravel for Birds.** Prices, qt. boxes, 60c. doz.; case of 3 doz., \$1.50.

**Genuine German Bird Lime.** For catching Birds, Flying Insects, etc. Price, per bottle, 25c.

**Genuine Prepared Fish Food.** A perfectly pure article, specially prepared for feeding Goldfish, etc., kept in aquaria or globes. Price, per box, 10c.; doz. boxes, \$1.00. By mail, postpaid.

**Prepared Food for Parrots.** For Parrots, Macaws, Parakeets, etc. This food is composed of a mixture of seeds, etc., recommended by the most experienced Bird Fanciers. Price per lb. box, 15c.; doz., \$1.60.

**Ant Eggs—a Treat or Relish.** For Mocking Birds, Thrushes, Robins, etc. Price, per box, postpaid, 25c.

### Poultry and Pigeon Seeds, Grains, Foods, Etc.

	Quart.	Bush.
Barley . . . . .	\$0 10	\$1 25
Buckwheat . . . . .	10	1 40
Canada Peas . . . . .	15	2 50
Canary Seed . . . . .	15	2 50
English Vetches or Tares . . . . .	15	3 00

	Per lb.	Per 100 lbs.
Hemp Seed . . . . .	\$0 10	\$6 00
Lentils . . . . .	10	6 00
Millet Seed . . . . .	10	4 00
Small Corn . . . . .	10	4 00
Sunflower . . . . .	10	6 00

Special prices on large lots given upon application.

**CLEAR GRIT.** For Poultry and Pigeons—a Rich Limestone Grit. This Grit is conceded to be the best Grit in the market by poultrymen who understand what is needed in a first-class poultry yard to make it pay, it being rich in lime. Here, in Clear Grit, is the very article desired, for it is clean, sharp pieces of limestone (not gravel, which is usually abraded, but sharp clear grit, and the grit is limestone itself). 25-lb. sack, 50c.; 100 lbs., \$1.00; bbl. of 250 lbs., \$1.90 net.

**BEEF SCRAPS** are composed of the same ingredients as animal meal, but not ground as fine. It is not near as highly concentrated, and may be fed dry to fowls, just as oyster shells, bone, etc. Per lb., 5c.; 10 lbs., 45c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00. Special price by the ton.

**GRANULATED BONE.** About the size of wheat and can be fed like any other food in grain. Price, 5 lbs., 25c.; 100 lbs., \$2.50.

**BONE MEAL.** Laying hens and young chickens whose digestive powers are not strong are much benefited by this, especially during the winter months or where closely confined in yards. Price, 5 lbs., 25c.; 100 lbs., \$2.50.

**OYSTER SHELLS. Ground.** Prepared from oyster shells, thoroughly washed, dried and made sweet. Price, 5 lbs., 15c.; 25 lbs., 40c.; 100 lbs., \$1.00; per bbl., about 250 lbs., \$2.00.

**CALLINARIAN or COLUMBARIAN.** The great cure for canker, roup, colds, catarrh, asthma and all diseases in poultry, pigeons, ornamental and cage birds. Price, \$1.00 per bottle.

# SUMMER FLOWERING BULBS.



*Begonia, Tubercous Rooted.*

## DIELYTRA SPECTABILIS, OR BLEEDING HEART.

A well-known ornamental spring flowering plant, with green foliage and bearing racemes of pink and white heart-shaped flowers. Plant as soon as the ground can be worked. They may be left undisturbed for years. 15c. each; \$2.00 per doz.

By express only.

## HYACINTHUS CANDICANS, OR GIANT WHITE SUMMER HYACINTH.

Luxuriant, free-growing summer flowering plant, spreading two or three feet, throwing up great, tall spikes, four to five feet in height, each bearing 20 to 30 large white bell-shaped flowers, of the easiest culture and fine for groups. 5c. each; 50c. per doz.

If ordered by mail, add 10c. per doz. for postage.

**USE** our "High Grade Central Park" LAWN SEED, if you want to have a beautiful lawn composed of carefully selected varieties of grasses; all RECLEANED SEEDS.

## BEGONIAS—Tuberous Rooted.

If ordered by mail, add 10c. per dozen for postage.

Single scarlet, crimson, rose, salmon, yellow, white and mixed. The beauty of this class of Begonias and their adaptability to almost all situations has made them a general favorite for summer garden decorations. They are now being used in large quantities for bedding purposes. Their flowers, large and brilliant in color, bid fair to eclipse in popularity the Geranium. Plant about May 15. 5c. each; 50c. per doz.; \$4.00 per 100.

Double scarlet, crimson, rose, salmon, yellow, white and mixed, 20c. each; \$2.00 per doz.

## CALADIUM ESCULENTUM.

If ordered by mail, add 15c. per dozen for postage.



*Caladium Esculentum.*

One of the handsomest of the ornamental-leaved plants. It will grow in any garden soil, and is of the easiest culture. Plant in large pots for lawn decorations or for massing in beds; it is unsurpassed as a decorative plant. Plant about May 10. 10c. each; \$1.00 per doz.



*Dielytra Spectabilis.*



*Canna, Gloriosa.*

## CANNAS.

If ordered by mail, add 15c. per doz. for postage.

Cannas should not be planted until the warm weather sets in, or about May 15. If planted too early the bulbs are apt to rot.

### Special Varieties of Recent Introduction.

**President McKinley.** Pronounced by all the best dwarf crimson bedder introduced. Color a fiery deep crimson-scarlet, the nearest approach to the color of Alphonse Bouvier of any Canna we have. It is an early, constant and immensely profuse bloomer, throwing a strong flower spike early in June, when 12 to 18 inches high, and is covered continually thereafter with its startling brilliant heads of bloom. During the months of July, August, September and October it is a mass of intense color. Habit dwarf, reaching 3½ feet at the end of the season on very rich soil. Price, 10c. each; \$1.00 per doz.

**President Cleveland.** This variety has attracted widespread attention the past season, and is conceded to be one of the finest introductions of late years. Color is bright orange-scarlet. It is one of the showiest varieties. A fine compact, vigorous grower, throwing up numerous immense trusses with flowers of large size. One of the best bloomers and a grand bedder. Price, 10c. each; \$1.00 per doz.

**Gloriosa.** A splendid dwarf variety of the Queen Charlotte type, vigorous, healthy habit, 18 inches to 2 feet in height. Foliage broad, of a bright rich green. The flowers are borne in massive trusses, measuring 9 inches or more in length and 6 to 8 inches in diameter. The individual florets are 4 to 5 inches across, of a rich scarlet-crimson color broadly margined with a distinct golden-yellow band. It is a perpetual bloomer, and the best dwarf Canna in the gilt-edged section. Price, 15c. each; \$1.50 per doz.

### Italia and Austria. NEW ITALIAN ORCHID CANNAS. The Handsomest Cannas ever put upon the Market.

Leaves Musa-like, almost upright. Stems 9 feet high if grown under favorable conditions; gigantic spikes, 16 inches long, with a number of very large flowers, having petals measuring 4 to 5 inches.

**Italia.** Brilliant scarlet flowers, spotted and deeply bordered with yellow. Price, 10c. each; \$1.00 per doz.

**Austria.** Giant golden-yellow. Price, 10c. each; \$1.00 per doz.

### GENERAL LIST OF CANNAS.

**Alphonse Bouvier.** One of the best bright crimson flowering varieties; immense size.

**Chas. Henderson.** Height 2½ to 3 ft. Color brilliant deep crimson. Broad deep green foliage, narrowly margined with bronze. Standard crimson bedder.

**Chicago.** One of the best scarlet Cannas. Early, clean and free bloomer. Splendid in every respect.

**Columbia.** Produces grand branching trusses of large, deep scarlet flowers. One of the finest Cannas when it does well.

**Egandale.** Height 3 to 4 feet. Color bright, clear crimson, almost identical with Alphonse Bouvier. Deep bronze-green foliage. A clean, vigorous grower which stools rapidly. The freest bloomer of all the bronze Cannas, fully the equal of Mmc. Crozy.

**Eldorado.** This is the best golden-yellow Canna of its class on the market. The flowers are of the largest size, heads full and borne well above the foliage, habit dwarf and compact, 2½ to 3 feet in height. The color is a rich, pure golden-yellow, speckled so slightly with red that the general effect, even at a short distance, is that of a pure golden-yellow.

**Paul Marquant.** Bright salmon flowers of very large size.

**Mmc. Crozy.** One of the very best. Immense trusses of bright scarlet flowers, with a distinct border of bright yellow, foliage green; 3 feet.

**Papa.** Considered by many the finest red yet introduced. Grows about 3 feet high, with immense spikes of flowers of giant size and of fine form; heavy light green foliage.

**John White.** This is a distinct novelty in the way of Cannas, growing about 3 feet in height, with reddish stems, light green foliage, beautifully striped with white, yellow, and rose, edged with red, the combination of which produces a grand effect. The flowers are small and of a bright red color.

**Queen Charlotte.** The center of the petals is of a beautiful blood-red, and edge of petals, to the depth of ½ inch, purest, brightest canary-yellow.

**Souv. du President Carnot.** Brilliant cherry-red flowers. Splendid habit, deep purplish bronze foliage.

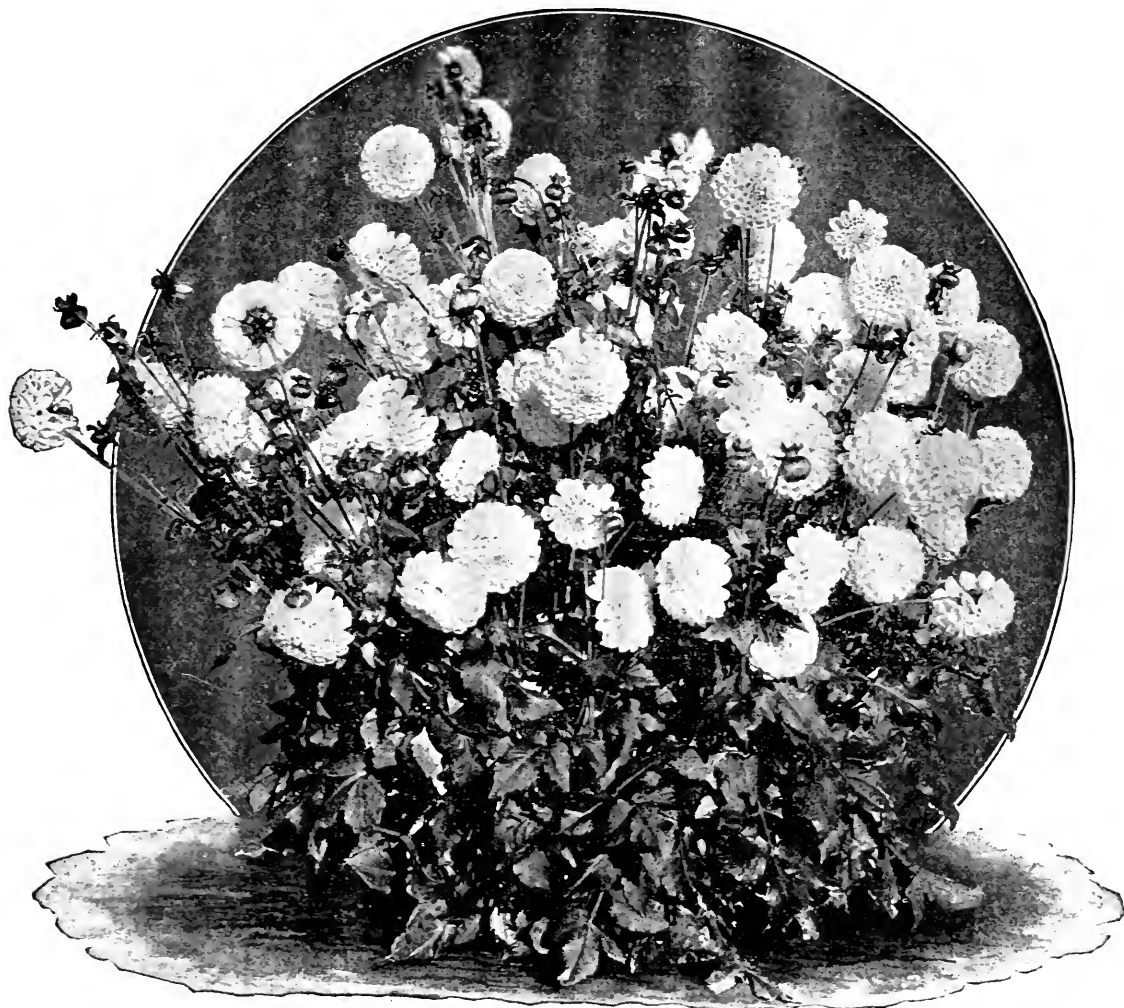
**Robusta.** This variety, with good cultivation, will grow fully 10 feet high, with immense leaves, 4 feet long, 1½ feet in width, of dark bronze and green colors.

**Finest Mixed,** Dwarf French Cannas.....50c. per doz.  
" " Tall Flowering " .....50c. per doz.

Price of any of the above varieties (except where noted), 10c. each; 75c. per doz.

# DAHLIAS.

WE take pleasure in offering herewith the latest and finest varieties of Dahlias of recent introduction, and would like to draw the attention of our patrons to the fact that the varieties offered in this list are the cream of collections which have taken prizes at the Horticultural Exhibitions at Philadelphia and New York.



*New Snow-white Show Dahlia, Storm King (Blizzard).*

The following list comprises only the newer varieties, *avoiding* such sorts which are familiar but not as good as those mentioned here, as well as a good many of the older sorts which have been improved upon, some newer sorts, which are no improvement over the older sorts, and those offered under different names by different firms, leaving it a most select list of this *Grand Old Garden Favorite*.

## 20TH CENTURY DAHLIAS.

Now offered for the first time. **The most distinct and beautiful collection in the world.**

**20th Century.** (Peacock.) The most exquisite Dahlia ever introduced and the first of a new race. No orchid could be more delicate in color or yet richer in shading. It is purest white at the tips and base of the petals, gradually shading toward the center of the petal to delicate blush rose, and finally bursting into a flame of the most beautiful crimson. The colors of this superb Dahlia defy description. It is not a variegated variety, but a most wonderful blending of harmonious colors.

The flowers are of largest size, 6 to 7 inches across and of splendid form, while the plant is a very strong grower and profuse bloomer.

Price, strong plants, ready April 15th, \$2.00 each, 3 for \$5.00.

**DAHLIAS—Continued.**

**Aleta.** (Peacock.) An exquisite quilled show variety that will become more generally known than A. D. Livoni. It is of the same form, beautifully quilled, but much lovelier, being a much lighter and softer pink. The color is between Nymphæa and A. D. Livoni, a lovely bright shrimp pink, the color of the carnation Melba. It is also superior to A. D. Livoni as a bloomer, producing twice as many blooms as that standard variety, and every flower is absolutely full to the center. Specimen plants of this variety are one mass of blooms.

Unlike so many profuse flowering varieties, Aleta is a vigorous grower of strong, sturdy habit, and the flowers are perfect in form and freely produced, even in the driest weather. It will produce more flowers, every one perfect, than any show Dahlia ever seen.

Aleta is the greatest acquisition of the year in double Dahlias and, like Nymphæa and A. D. Livoni, will become universally grown.

Price, strong plants, ready April 15, 40c. each; \$4.00 per doz.

flowers are large, 4 to 5 inches across; rich velvety cardinal with a broad white stripe running through the center of each petal. Occasionally the flowers are solid color, when it is one of the finest of the high-colored singles. The petals are long, pointed and beautifully twisted. The plant is a tall branching grower and an extremely free bloomer, while the flowers can be cut on long, stiff, but slender and graceful stems. The center or flower head is very small, which, with the long graceful petals and good keeping qualities, makes it invaluable for bouquets and artistic decorations.

Price, strong plants, ready April 15, 35c. each; \$3.50 per doz.

**Lawrence Kramer.** (Peacock.) A strong branching grower with dark, glossy green leaves, with flowers of perfect rounded form, borne on long, slender but wiry stems. The color is a deep bright rosy pink, of the richest, brightest shade, without tint or blemish. In marked contrast with so many of the so-called pink singles, which are shaded crimson, violet or lavender. It is a very profuse bloomer; while the past season cut flowers sold readily in the open cut-flower market at fancy prices.

As a cut-flower variety this is a money-maker, while in the garden a few plants will furnish a supply of fresh cut flowers daily. By far the best pink single Dahlia.

Strong plants, ready April 15, 40c. each; \$4.00 per doz.

**Mars.** (Bassett.) White and violet, bordered and shaded dark rich crimson, tipped white; rich and effective. Plant semi-dwarf and an early and profuse bloomer. The plants are medium to large size; fine regular form; flat petals, slightly pointed, giving it a stellate appearance.

Price, strong plants, ready April 15, 30c. each; \$3.00 per doz.

**Red Hussar.** Show. (Peacock.) A grand variety that will fill a long-felt want. The flowers are large, of regular form, with a full high center and good texture. The color is purest cardinal red without trace of purple or crimson, which is found in so many varieties. The plant is a very strong, vigorous grower, of branching habit, and produces the flowers on stems 18 inches to 2 feet long. It is without doubt the best bright red dahlia for florists because of its fine branching habit, which gives long, stiff, but slender stems, with practically no disbudding.

Price, strong plants, ready April 15, 40c. each; \$4.00 per doz.

**Tommy Daily.** (Peacock.) A finely formed bouquet dahlia, entirely distinct. The petals are quilled and regular, color pinkish white shading to rosy lake, violet and crimson. A branching grower and flowers have long stems.

Price, strong plants, ready April 15, 30c. each; \$3.00 per doz.

**Wildfire.** (Peacock.) A strictly first-class single Dahlia of the clearest scarlet color that clearly outclasses any other single scarlet in purity of color, size, profusion of bloom or length of stem. The foliage is clean and the plant strong, vigorous and branching. It is one of the best bloomers and will at once become the standard single scarlet Dahlia.

Price, strong plants, ready April 15, 35c. each; \$3.50 per doz.



*Stripes and Variegated.*

**Filvian.** (Bassett.) This is another striking novelty that cannot be passed by those wanting the very choicest Dahlias. The formation is so entirely distinct, while the color combination is gorgeous. The

**DAHLIAS—Continued.**

**William F. Bassett.** (Bassett.) This is entirely distinct and considered by Mr. Bassett as the finest single Dahlia he ever saw. We have therefore, given it his name. The color is a rich velvety crimson shaded maroon, each petal tipped white, making it not only rich and attractive, but entirely distinct from any single Dahlia. The plants grow only 2½ to 3 feet high, and the past summer they were a gorgeous

sight, being almost completely covered with blooms.

Price, strong plants, ready April 15, 35c. each; \$3.50 per doz.

We will deliver our Twentieth Century Collection, one strong plant of each of above 9 sterling varieties, express or postage paid, for \$3.75; or 8 without "Twentieth Century" for \$3.00, or we will send any one of the above postpaid on receipt of price.

**SIX DAHLIAS OF SPECIAL MERIT.**

**Storm King.** A companion for the superb pink Dahlia A. D. Livoni. This variety is an extremely early, profuse and constant bloomer, a strong, vigorous grower of dwarf branching habit, and produces its flowers on long stems. The flowers are snow-white, of perfect form, and full to the center. As a cut-flower variety it is the florist's ideal, while for grouping or as a specimen plant (see photograph on page 57 of a specimen plant in full bloom) it is far ahead of any other white show Dahlia. 25c. each; \$2.50 per doz.

**Admiral Dewey.** (Decorative.) Brilliant imperial purple. Of fine form; a strong grower, and by far the best of its class. 25c. each; \$2.50 per doz.

**Earl of Pembroke.** (Cactus.) Bright plum, deeper and more velvety toward the center; petals long, pointed and regularly arranged. One of the best. 30c. each; \$3.00 per doz.

**Follis Variegatis.** (Show.) The new variegated-leaved Dahlia. The first and only variegated-leaved Dahlia to succeed in America. It has received great attention at various exhibitions. The plant is a free grower, of branching habit. The leaves are bright glossy green, heavily margined and tipped creamy white, edged red. It is the most valuable variegated-leaved plant in cultivation, and should be in every collection. Strong roots, 25c. each; \$2.50 per doz.

**Mrs. Montefiore.** (Cactus.) A splendid rich, glowing crimson-scarlet, darker than above; beautifully twisted form. Throws its flowers well above the foliage. 25c. each; \$2.50 per doz.

**The Queen.** (Decorative.) Truly rightly named. A pure snow-white. It is an elegant flower; has long, stiff stems, which throw the flowers well above the foliage. Will be greatly used by florists and others as a cut-flower variety. 25c. each; \$2.50 per doz.

**SHOW DAHLIAS.**

This class has large, round and full flowers, all of solid colors, or edged and tipped darker.

**NEW AND RARE VARIETIES.**

**A. D. Livoni.** Beautiful soft pink, with quilled petals and full to the center; an early profuse bloomer.

**Amazon.** Yellow, edged and tipped bright red; effective.

**Arabella.** An early and profuse flowering variety, of large size and perfect form; color pale primrose, tipped and shaded old rose and lavender. One of the loveliest of this section.

**Beauty.** Snow-white; of perfect form and good texture.

**Blumenfalter.** Rosy lavender; densely quilled.

**Captain Jack.** Dark, rich red, shaded maroon.

**Duchess of Cambridge.** White, suffused pink, tipped and edged shades of purple.

**Golden Ball.** Pale golden yellow; very large.

**Hon. Mrs. P. Wyndham.** Light yellow, tipped crimson pink, shaded darker.

**Honest John.** Brilliant purple maroon, richly shaded; often mottled, with deep, velvety black petals; profuse.

**Japan Pink.** Large, deep pink, with quilled petals; resembling Grand Duke Alexis in form.

**James Cocker.** A pleasing crimson-purple.

**John Bennett.** Clear yellow, heavily tipped bright orange-scarlet.

**Lady G. Herbert.** White, tipped deep purple.

**Maid of Orleans.** White, suffused purple, edged bright purple.

**Miss May Lomas.** Large; free and delicate; pure white, suffused soft lavender; one of the best.

**Miss S. Blanc Pennebaker.** Flowers of good form, good substance and exquisite finish; the center petals are silvery-white, delicately tinged soft, bright pink, while the outer petals are of same color, heavily tipped bright rose-pink, shading to crimson.

**Miss Valentine.** New, large, deep lavender pink; a strong, free grower.

**Margaret Bruant.** Dwarf and free; pure white.

**May Oakleigh.** Of medium size, deep lilac; a profuse bloomer; has long stems.

**Miriam.** Delicate soft pink; very profuse.

**Miss Florence Shearer.** A lovely new show variety; clear, soft lilac, edged lighter.

**Mrs. Dexter.** Very large; a rich shade of salmon; best of its color.

**Mrs. David Saunders.** White, tipped crimson lavender.

**Model of Perfection.** Fine rosy lavender; an extremely profuse bloomer; flowers long-stemmed.

**Mrs. Kendall.** White, heavily tipped rosy purple.

**Nero.** Dark crimson maroon; very fine.

**Oakfield.** Fine long stems; fine form; rich cardinal; fine for cutting.

**Orlando.** Buff, shaded old gold, edged darker. Large, of fine form.

**Psyche.** Pale primrose, shaded rose, a dwarf branching plant, and one of the most profuse bloomers.

**President.** White, edged lavender pink; fine.

**Princess Bonnie.** A fine large white, shaded cream.

**Queen of Beauties.** Rich sulphur, suffused old gold.

**Queen of Yellows.** A beautiful clear yellow.

**Red Head.** Dwarf, very large; deep red.

**Royal Queen.** Fine, buff tipped purple.

**Ruth.** Pure white, sometimes tinged blush.

**Saturn.** Dark crimson; has serrated petals; fine.

**Sport.** Pure lavender; of perfect form.

**Thomas Hobbs.** A fine, large purple.

**Triomphe de Solferino.** Dwarf; bright solferino; very large. A good bedder.

**Vice-President.** Light salmon, shading to salmon.

**White Swan.** New; snow-white; of good form.

**Yellow Canary.** Pure yellow; very fine.

Price, 20c. each; \$2.00 per doz. by mail, postpaid. By express, 15c. each; \$1.50 per doz.

## NEW AND RARE CACTUS DAHLIAS.

**Beatrice Martin.** White, delicately tinged flesh; petals are not long, but twisted in a very irregular and elegant manner.

**Bertha Mauley.** Scarlet, overlaid crimson purple; beautifully twisted petals.

**Blanche Keith.** Beautiful pure yellow; of largest size; twisted petals.

**Black Beauty.** A grand dark maroon variety of distinct form and great beauty.

**Cyclops.** A distinctively new type of the Cactus form, enormous in size, and as profuse a bloomer as the best show variety; the color is deep scarlet-maroon, becoming much lighter toward the tips as the flower expands.

**Juarezi.** Original Cactus Dahlia; deep scarlet crimson.

Roots of above—by mail, postpaid, 20c. each; by express, purchaser paying charges, 15c each; \$1.50 per doz.

**Delicata.** A beautiful true Cactus variety; light salmon at base of petals, gradually shading off to lovely delicate pink.

**Ernest Glasse.** A rich purplish magenta, of true Cactus form; has long stems.

**Gloriosa.** Medium to large size, with long, narrow, twisted petals; color deep, bright red, shaded scarlet.

**Lady H. Grosvenor.** Golden amber; of true Cactus type.

**May Pictor.** A fine yellow; pointed petals.

**Mrs. Francis Fell.** A true Cactus variety; white, tinted pink; long twisted petals; very free.

**M s. Marsham.** Fine, reddish salmon.

**Prof. Baldwin.** A fine deep orange scarlet.

**Rubida Cactus.** Dark ruby red, very fine form.

## DECORATIVE DAHLIAS.

All excellent varieties.

**Clifford W. Bruton.** The finest pure yellow decorative Dahlia; of immense size, 5 to 6 inches in diameter; of full Chrysanthemum form and full to the center; a strong, vigorous grower and an extremely profuse bloomer to have so large a flower. No collection is complete without this superb variety.

**Dr. Whitesides.** Very large, of fine form; a beautiful tint of white that is very effective.

**Grand Duke Alexis.** A magnificent flower of largest size and distinctly unique in form, as the petals are rolled up so that the edges overlap each other; the color is pure white, distinctly tinged delicate pink.

**Gloriana.** Purest yellow, of medium size and extremely free; dwarf.

**Henry Patrick.** A superb pure white variety of large size and borne on long stems; excellent for cutting; strong plants only.

**Iridescent.** A beautiful decorative variety, the nearest approach to a blue Dahlia; of fine form and good size; an extremely profuse bloomer; the color, when well grown, is exquisitely lovely, being bright orange, overlaid clear red, suffused and margined with pure blue, giving it a soft yet brilliant red and blue effect.

**Lemon Giant.** Flowers of immense size, pure lemon, without tint or streak, strong-growing, free-blooming, and always full to the center.

**Maid of Kent.** Cherry red, tipped white; sometimes a solid color, when it is a superb red.

**Mattie Serrapin.** Large; deep salmon; fine.

**Miss Barry.** A new type, distinct and striking; very large, full to the center, and of beautiful color; deep rosy lake; petals twisted.

**Miss Jennings.** Fawn, shaded salmon-pink.

**Mrs. A. Newhall.** Distinct. Deep red, shaded maroon.

**Mrs. E. C. Monroe.** A lovely shade of sulphur yellow, blending to rich cream; the flowers are large, of perfect form, and produced on long stems in such endless quantities as to almost obscure the foliage.

**Mrs. Geo. Reed.** One of the best of this class; pure white, beautifully edged and flaked soft rosy lake; the petals overlap each other and are deeply cleft.

**Mrs. Marsham.** Fine; large; reddish bronze.

**Nymphæa.** By far the most delicately beautiful Dahlia ever introduced; more extensively grown for cut flowers than all others combined; the flowers are of medium to large size, always full to the center, resemble the ideal pink water-lily; the color is a clear, distinct, light shrimp pink, tinted lighter toward the center.

**Orange King.** Rich ruddy orange; plant dwarf, branching and extremely profuse bloomer.

**Orange Scar'et.** A decorative variety, with orange scarlet flowers, perfectly full to the center, while the petals are cupped or incurved.

**Oban.** Very large, rosy lavender, suffused and overlaid silvery spawn.



*Fancy Dahlia Penelope.*

**Rayond'Or.** Rich orange, striped white; sometimes one solid color; very striking.

**Sir Trevor Lawrence.** Brilliant glowing crimson.

**William Pierce.** Rich butter yellow; a favorite variety.

**Wiltshire Lass.** A very finely formed variety; white, delicately suffused pink; very profuse bloomer.

**DECORATIVE DAHLIAS—Continued.**

**William Agnew.** The grandest red Dahlia ever produced; the flowers are large, sometimes measuring more than 7 inches in diameter; full to the center; of perfect form and exquisite quality and finish; the color is the richest shade of intense dazzling red; the petals are very long, the outer rows being beau-

tifully twisted; the plant is a strong, symmetrical grower.

**Zulu.** Rightly named "the black Dahlia;" jet black, changing to black maroon as the flowers fully expand; of fine form and full to the center.

Price, by mail, postpaid, strong roots, 20c. each; \$2.00 per doz. By express, 15c. each; \$1.50 per doz.

**FANCY DAHLIAS.**

This class has flowers striped, tipped, mottled, penciled and variegated in almost every conceivable manner.

**Apple Blossoms.** A very pretty new variety that combines all the shades found in apple blossoms, from red, pink and carmine to pure white.

**Chang.** Very large; salmon-buff, striped crimson.

**Dandy.** Pure pink, striped black; sometimes solid black and occasionally solid pink.

**Decorator.** White, suffused pink, spotted and penciled with crimson.

**Elegans.** Rosy purple, tipped and banded white; quilled petals.

**Frank Smith.** Rich dark-purplish maroon tipped pinkish white; a superb flower.

**General Grant.** Very large; yellow, suffused amber, striped crimson.

**Hercules.** Very large; deep scarlet, penciled yellow.

**Keystone.** Pink, striped crimson; large and fine.

**Lady Arlington.** Dark rich red, tipped white.

**Lady Jane Ellis.** White, suffused pink, veined purple.

**Lottie Eckford.** White, spotted and striped pink and crimson.

**Lucy Faucett.** Light yellow, striped with magenta.

**Mildred.** Small; very profuse; scarlet, tipped white.

**Miss Browning.** Of exquisite form; pure yellow, tipped pure white, one of the finest.

**Mrs. Stokes.** Of immense size; crimson-scarlet, banded and tipped white.

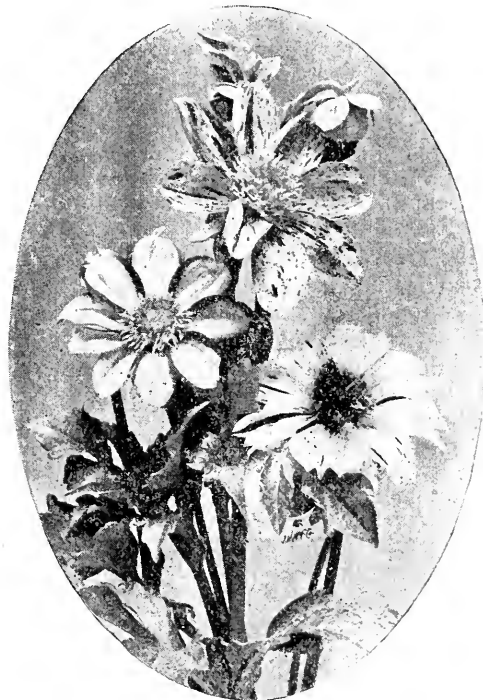
**Penelope.** White, flaked lavender; very fine.

**Prince Alexander.** Pink, striped and penciled dark red.

**Rev. C. W. Bolton.** Straw, suffused amber, striped crimson, sometimes solid color; a fine flower.

**S. Sickman.** Dark maroon, tipped white.

**Striped Banner.** Crimson scarlet, tipped white.



*Single Dahlias.*

Price by mail, postpaid, 20c. each; \$2.00 per doz. By express, 15c. each; \$1.50 per doz.

**SINGLE DAHLIAS.**

*Fern-leaved Beauty.*

**Novelty.** Fragrant; new; a most beautiful fancy single variety. The flowers are of good size, and fine regular form, while the color is bright pink, spotted, penciled and striped deep, rich crimson.

**Ami Barrillet.** Rich garnet with purple maroon foliage; distinct and beautiful.

**C. M. Varnum.** Very large; red, tipped lighter.

**Evelyn.** Bright pink with white disk.

**John Downie.** Intense glowing scarlet-crimson.

**Kate.** Intense orange-crimson maroon.

**Lady Whitehead.** Rich rosy carmine; fine.

**Mabel Keith.** Soft pure yellow.

**May Kamerly.** White, tinged pink, and heavily spotted and striped with bright scarlet and crimson; a profuse bloomer.

**Paragon.** Black-maroon, edged purple.

**Seratipetala.** Bright red; petals cleft at the tips.

**Snow Queen.** Best, pure white.

Price, by mail, 20c. each; \$2.00 per doz., postpaid. By express, 15c. each; \$1.50 per doz.

## POMPON OR BOUQUET DAHLIAS.

**Aillett's Imperial.** White, suffused pink, tipped imperial purple; always perfectly formed.

**Allie Mourey.** A very pretty Pompon of fine form and good habit; pinkish white, tipped deep pink; small, compact flowers.

**Alewine.** A white, flushed pink; fine.

**Catherine.** The best pure yellow.

**C. J. Jungker.** A rich shade of amber.

**Elfin.** (New.) A dainty little flower; pale primrose, changing to creamy white; full and free.

**Fairy Queen.** Light sulphur yellow, edged deep peach.

**Golden Bedder.** Golden yellow, edged orange; very dwarf; profuse bloomer.

**Hedwig Pollig.** One of the finest of the variegated varieties. White and shades of red are beautifully intermingled in its flowers, which are of perfect form.

**La Petite Barbara.** A pretty pure white.

**Little Beatrice.** Profuse-flowering; pink.

**Little Beauty.** Small, finely quilled, of a soft pink color; a little beauty.

**Little Cactus.** An entirely distinct form; clear bright salmon flowers of beautiful form.

**Little Ellen.** Very profuse; soft rosy lake.

**Leila.** Flesh mottled and suffused rich crimson; sometimes a solid light color, at others dark.



*Little Beauty.*



*Maid of Kent.*

**Miss Lou Kramer.** Base of petals yellow, heavily tipped clear bright crimson, overlaid bright pink; semi-quilled, reflex fawn. A very pleasing variety, and full to the center up to the last.

**Little Frank.** Light yellow, edged carmine.

**Mattie Mourey.** A fine shade of lavender.

**Prince Charming.** White, penciled, suffused and heavily tipped purple-pink; a strong grower, of good form, and blooms until frost.

**Red Piper.** A dwarf yet strong grower of branching habit. The flowers are of good shape and pleasing; dark red of a peculiar shade.

**Snowclad.** The finest white Pompon to date. A strong, vigorous grower, of branching habit and such a profuse bloomer as to suggest the name; of perfect form and always full to the center. Awarded first prize everywhere.

**Sunshine.** One of the best scarlet Pompons ever raised; of perfect shape, fine form, good habit and a very free bloomer.

**Teddy.** White, tipped pink.

**Variegata.** Small flowers; varies from crimson-maroon and purple to pink-white.

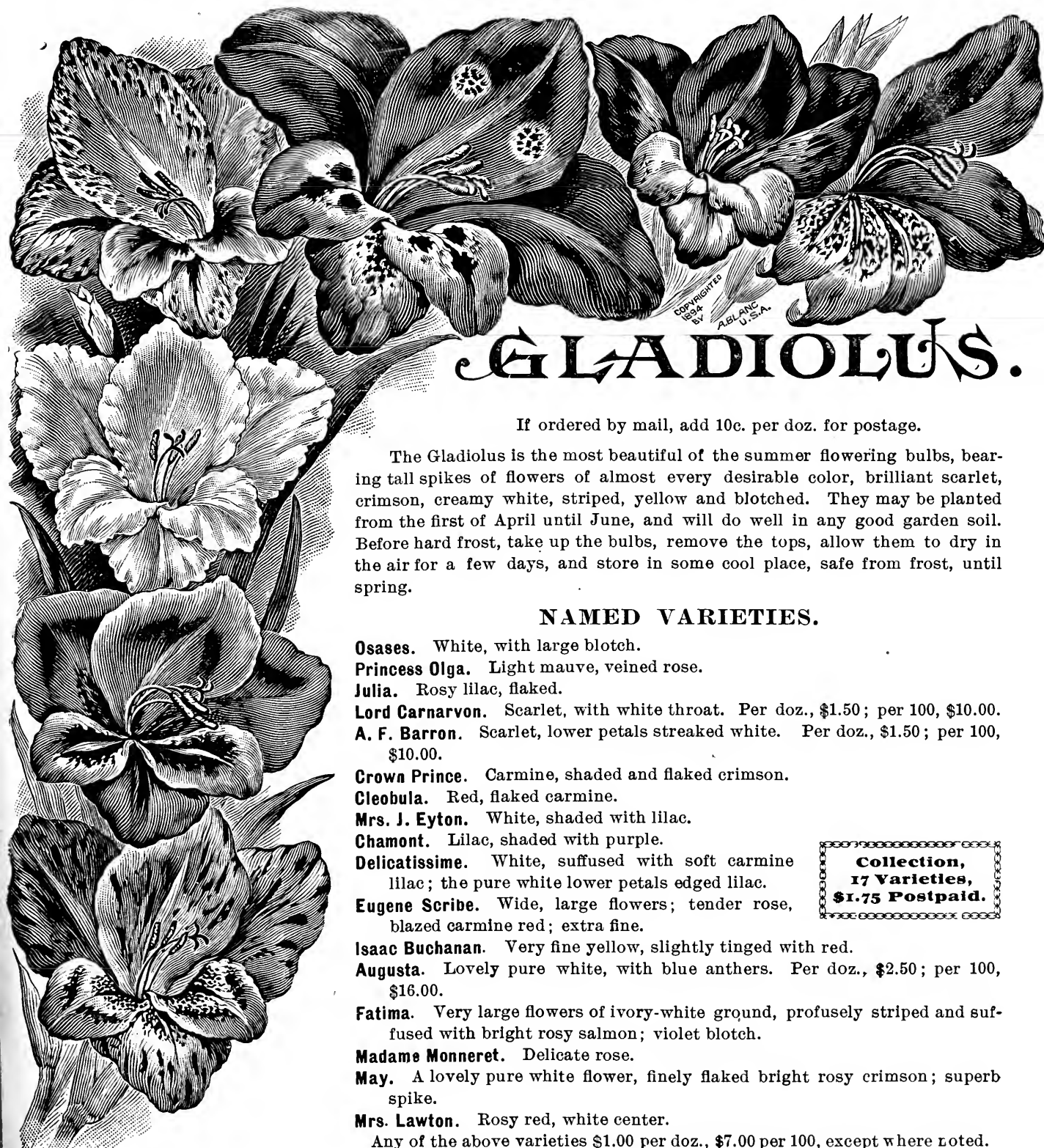
**Vashti.** Yellow, tipped red; fine.

**Virginale.** Small, ball-shaped flowers of rich, creamy white; fine variety, of strong growth.

Price, 20c. each; \$2.00 per doz., by mail, postpaid. By express, 15c. each; \$1 50 per doz.

## "THE DAHLIA."

A practical treatise on the habits, characteristics, cultivation and history of the Dahlia. By L. K. Peacock. A beautifully illustrated book, given free with every order for Dahlias amounting to \$3.00. Price, 50c.



# GLADIOLUS.

If ordered by mail, add 10c. per doz. for postage.

The Gladiolus is the most beautiful of the summer flowering bulbs, bearing tall spikes of flowers of almost every desirable color, brilliant scarlet, crimson, creamy white, striped, yellow and blotched. They may be planted from the first of April until June, and will do well in any good garden soil. Before hard frost, take up the bulbs, remove the tops, allow them to dry in the air for a few days, and store in some cool place, safe from frost, until spring.

## NAMED VARIETIES.

- Osases.** White, with large blotch.  
**Princess Olga.** Light mauve, veined rose.  
**Julia.** Rosy lilac, flaked.  
**Lord Carnarvon.** Scarlet, with white throat. Per doz., \$1.50; per 100, \$10.00.  
**A. F. Barron.** Scarlet, lower petals streaked white. Per doz., \$1.50; per 100, \$10.00.  
**Crown Prince.** Carmine, shaded and flaked crimson.  
**Cleobula.** Red, flaked carmine.  
**Mrs. J. Eyton.** White, shaded with lilac.  
**Chamont.** Lilac, shaded with purple.  
**Delicatissime.** White, suffused with soft carmine lilac; the pure white lower petals edged lilac.  
**Eugene Scribe.** Wide, large flowers; tender rose, blazed carmine red; extra fine.  
**Isaac Buchanan.** Very fine yellow, slightly tinged with red.  
**Augusta.** Lovely pure white, with blue anthers. Per doz., \$2.50; per 100, \$16.00.  
**Fatima.** Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy salmon; violet blotch.  
**Madame Monneret.** Delicate rose.  
**May.** A lovely pure white flower, finely flaked bright rosy crimson; superb spike.  
**Mrs. Lawton.** Rosy red, white center.
- Any of the above varieties \$1.00 per doz., \$7.00 per 100, except where noted.

**Collection,  
17 Varieties,  
\$1.75 Postpaid.**

## GLADIOLI IN MIXTURE.

**White and Light.** A choice mixture of seedlings and named varieties. Each, 5c.; doz., 50c.; per 100, \$3.00.

**Various Shades of Pink.** Each, 4c.; doz., 35c.; per 100, \$2.50.

**Lemoine's Mixed.** Per doz., 50c.; per 100, \$3.00.

**Groff's Hybrids.** 1st section, per doz., \$1.00; per 100, \$5.00.

**Groff's Hybrids.** 2d section, per doz., \$2.00; per 100, \$10.00.

**Various Shades of Red.** Each, 3c.; doz., 30c.; per 100, \$2.00.

**Various Shades of Yellow.** Each, 7c.; doz., 65c.; per 100, \$4.00.

**Choice Mixtures.** Each, 3c.; doz., 25c.; per 100, \$1.25.

**Striped and Variegated.** Per doz., 40c.; per 100, \$3.00.

# LILIES.

All Lilies delight in rich soil such as is afforded by a mixture of loam and well-rotted manure. When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least six inches deep. When Lilies are ordered at 100 rates buyer pays transit.

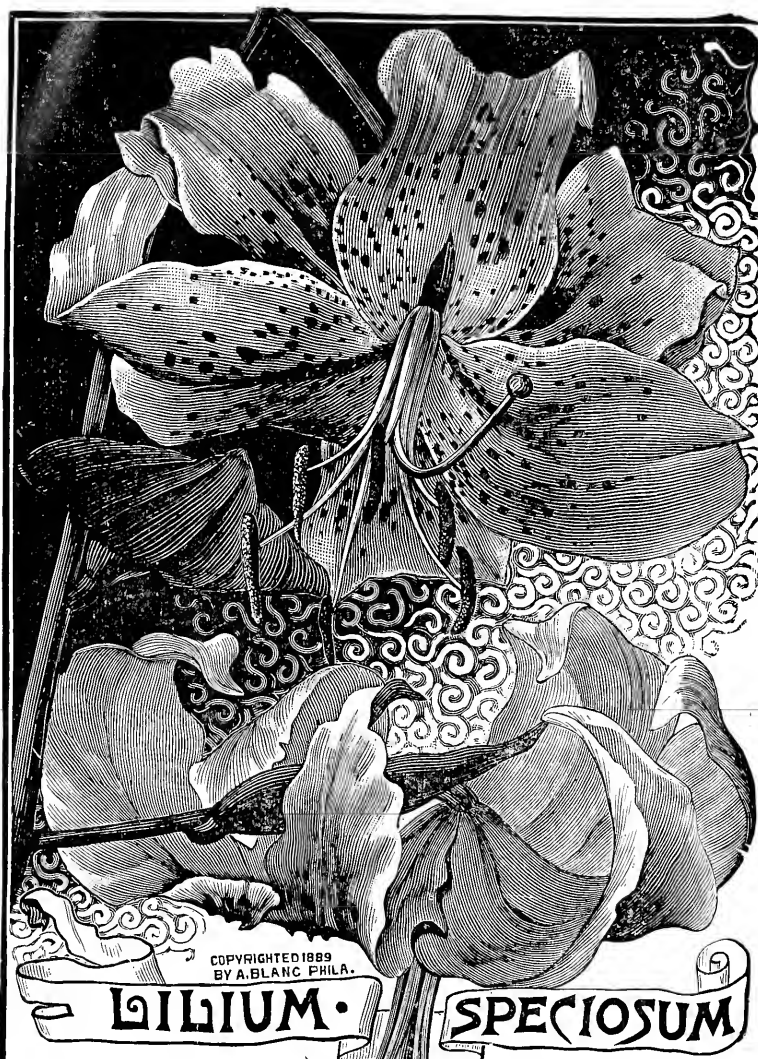
**Auratum** (The Golden-Banded Lily). Finest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the center of each petal.

Extra large bulbs, 20c. each; \$2.50 per doz.  
First size bulbs, 15c. each; \$1.50 per doz.

**Batemanni**. Bright apricot tinted flowers. 15c. each; \$1.50 per doz.

**Browni**. Creamy white, shaded with chocolate-crimson; an extra large and fine Lily. 70c. each; \$7.50 per doz.

**Canadense** (Meadow Lily). Yellow spotted. 10c. each; \$1.00 per doz.



**Colchicum**. Citron, black spots, 85c. ea.

**Elegans Erectum** (Thunbergianum or Umbellatum). Orange, spotted scarlet 15c. each; \$1.50 doz

**Excelsum**. Delicate light buff color. 35c. each; \$3.50 per doz.

**Giganteum**. Flowers very large, of a creamy white color. \$1.25 each.

**Humboldti**. Golden yellow, spotted with purple. 30c. each; \$3.00 doz.

**Hansani**. Reddish orange, purple dotted flowers. 85c. each; \$8.50 doz.

**Krameri**. Large flowers of a soft rose color. 30c. each; \$3.00 doz.

**Leichtlinii**. Pure canary yellow, with crimson spots. 40c. each; \$4.00 per doz.

**Martagon**. Purplish red, spotted with dark purple. 15c. each; \$1.50 per doz.

**Pardalinum**. Bright orange red, light yellow center. 20c. each; \$2.00 per doz.

**Parvum**. Orange yellow, spotted with purple. 15c. each; \$1.25 doz.

**Philadelphicum**. Orange red with black spots. 15c. each; \$1.25 doz.

**Speciosum Album** (Lancifolium). White. 20c. each; \$2.00 per doz.

“ Extra size. 30c. each; \$3.00 per doz.

“ **Præcox**. White. 20c. each; \$2.00 per doz. Extra size, 30c. each; \$3.00 per doz.

“ **Roseum**. Rose. 15c. each; \$1.50 per doz. Extra size, 25c. each; \$2.50 per doz.

“ **Rubrum**. Deep rose. 15c. each; \$1.50 per doz. Extra size, 25c. each; \$2.50 per doz.

**Candidum** (Annunciation, Madonna, or St. Joseph Lily.) The well-known garden Lily, pure white. 10c. each; \$1.00 per doz.

**Chalcedonicum**. 85c. ea.; \$8.50 per doz.



*Lilium Auratum.*

*Herbaceous Pæony.***DOUBLE CHINESE PAEONIES.**

A well-known garden favorite of easy culture, bearing flowers of great size and in magnificent rich colors, combined with handsome and massive foliage. If ordered by mail, add 5c. each for postage.

Double white, 25c. each; \$2.50 per doz.

“ rose, 25c. each; \$2.50 per doz.

“ crimson, 25c. each; \$2.50 per doz.

“ mixed, 25c. each; \$2.50 per doz.

Arborea (True Pæony), mixed colors, \$1.50 each.



Use  
Our  
“High  
Grade  
Central  
Park”  
Lawn  
Seed.

**LILIES—Continued.**

**Speciosum Monstrosum Album.** 20c. each; \$2.00 per doz.

Extra size, 30c. each; \$3.00 per doz.

**Superbum** (Turk's Cap Lily). Deep orange-red, thickly spotted. 15c. each; \$1.50 per doz.

**Tigrinum** (Tiger Lily). Orange-salmon, 10c. each; \$1.00 per doz.

**Tigrinum fl., pl.** (Double Tiger Lily). 10c. each; \$1.00 per doz.

**Tenuifolium** (Siberian or Slender Leaved Lily). Brilliant scarlet flowers. 30c. each; \$3.00 per doz.

**Washingtonianum.** Very fragrant flowers, changing from pure white to various shades; purple and lilac. 35c. each; \$3.50 per doz.

**Wallichianum Superbum** (The East India Yellow Lily). The flowers are funnel-shaped, slightly recurved, and from six to twelve inches long. The color of the flower is most charming, the interior yellow, passing to white and often tinted pink; the exterior is yellow, flushed with purple in streaks; very fragrant. \$1.75 each.

**TIGRIDIAS.**

Extremely handsome summer-flowering bulbs, growing about two feet high, producing large, gorgeous flowers, exquisitely spotted; flowers profusely throughout the summer. Separate colors of yellow, crimson and white. Price, 5c. each; 50c. per doz.

**TUBEROSE.****DOUBLE EXCELSIOR PEARL.**

If ordered by mail, add 10c. per dozen for postage.

This pure white, perfectly double, fragrant flower is too well known to need any description. Plant when the ground is warm, in good rich soil. Our bulbs are extra selected, first size, and are sure to flower if properly treated. 5c. each; 50c. per doz.; \$2.00 per 100. Express paid.



### DECIDUOUS HARDY SHRUBS, ETC.

- Amygdalus fl. pl. alba.** (Double White Flowering Almond.) A beautiful early flowering shrub. 50c. each.
- Amygdalus fl. pl. rubra.** A variety of the preceding with rose-colored flowers. 50c. each.
- Berberis Vulgaris.** (European Barberry.) A handsome shrub. Yellow flowers, followed in fall with scarlet fruit.
- Berberis atropurpurea.** A purple-leaved variety of the above. 50c. each.
- Clethra alnifolia.** Leaves light green, flowers white and very fragrant. 40c. each.
- Calycanthus Floridus.** (Sweet-scented shrub.) Flowers chocolate color. Fragrant, like strawberries. 50c. each.
- Chionanthus Virginica.** (White Fringe.) Leaves large, pointed and shining. Flowers pure white, feathery or fringe-like. A useful lawn tree. 75c. each.
- Cornus alba sanguinea.** (White-fruited, red-stemmed Dogwood.) Remarkable in winter for the red color of its branches. 50c. each.
- Crataegus alba plena.** (White-flowered Hawthorne.) Foliage and flowers very ornamental. 75c. each.
- Crataegus coccinea, fl. pl.** Flowers double red, very large. 75c. each.
- Cydonia Japonica carnea fl. pl.** (Japan Quince.) Flesh-colored, double flowers, produced early in spring. 75c. each.
- Cydonia Japonica rubragrandiflora.** (Red Japan Quince.) Large red flowers, very showy. 50c. each.
- Cytisus laburnum.** (Golden Chain.) Ornamental leaves, drooping showy flowers; a small tree. \$1.00 each.
- Deutzia crenata fl. pl. alba.** Flowers double white, tinged with pink. One of the best shrubs in cultivation. 50c. each.
- Deutzia gracilis.** Dwarf, compact, pure white. 35c. each.
- Deutzia scabra.** (Rough-leaved Deutzia.) Bearing beautiful white spiral flowers. 50c. each.
- Euonymus Americanus.** Shining green foliage, scarlet berries; very ornamental in fall. 50c. each.
- Euonymus latifolius.** (Burning-bush.) Vigorous-growing, scarlet berries, larger than the preceding. 50c. each.
- Fagus cuprea.** (Copper Beech.) Leaves purple early in the season. A very ornamental tree. \$1.50 to \$5.00 each.
- Fagus laciniata.** (Cut-leaved Beech.) Medium growth, cone-shaped and compact, leaves very showy. \$1.50 to \$3.00 each.
- Forsythia viridissima.** (Golden Bell.) The best early flowering shrub. 50c. each.
- Genista scoparius.** (Scotch Broom.) Yellow; flowers in May. 40c. each.
- Hibiscus Syriacus atropurpureus.** (Althaea, or Rose of Sharon.) Very showy purple flowers. 35c. each.
- Hibiscus foliis variegatus.** Variegated foliage, highly ornamented. 60c. each.
- Hydrangea paniculata grandiflora.** Immense white flowers. One of the finest shrubs in cultivation. 50c. to \$2.00 each.
- Hydrangea hortensis.** Changeable rose-colored flowers, very popular. 50c. each.

**Magnolia conspicua.** A Chinese tree, producing large white flowers early in spring. \$2.00 to \$5.00 each.

**Magnolia Soulangiana.** Resembling the above, except that the flowers are purple and white. \$1.50 to \$5.00 each.

**Pæonia Moutan.** (Tree Pæony.) Very large flowers, of gorgeous colors. \$2.00 to \$3.00 each.

**Philadelphus coronarius.** (Mock Orange or Syringa.) Strong-growing, pure white fragrant flowers in June. 50c. each.

**Prunus sinensis.** (Double White-flowering Plum.) Very pretty. 75c. each.

**Rhus cotinus.** (Purple-Fringe or Smoke Tree.) A beautiful low-growing tree, covered with dark seed-vessels, like a purple mist, very showy. 75c. each.

**Rhus glabra laciniata.** (Cut-leaved Sumach.) Leaves of large size; deeply cut and drooping gracefully. Foliage scarlet in autumn. 50c. each.

**Spiræa Billardii.** Pink-flowered, a late blooming species. 50c. each.

**Spiræa prunifolia fl. pl.** (Plum-leaved Spiræa.) Double white flowers in spiral form. 40c. each.

**Spiræa Reevesiana fl. pl.** Clusters of double white flowers early in spring. 50c. each.

**Syringa vulgaris.** (Common Lilac.) Purple, sweet-scented flowers. 50c. each.

**Syringa vulgaris alba.** White, sweet-scented, very delicate. 40c. each.

**Syringa vulgaris persica.** (Persian Lilac.) Small-leaved, purple flowers of a different shade. 40c. each.

**Viburnum opulus.** (Snowball.) Flowers white; a well-known shrub. 50c. each.

**Viburnum plicatum.** (White Japan Snowball.) A valuable new shrub. \$1.00 each.

**Weigelia amabilis.** Pink flowers, free bloomer. 50c. each.

**Weigelia amabilis alba.** White, very showy. 50c. each.

**Weigelia variegata.** Beautiful variegated foliage. 50c. each.

### ORNAMENTAL TREES.

**Ash** (European). A lofty tree of rapid growth. Price, 10 ft. high, 50c. each.

**Beech** (Fagus). Purple-leaved. Price for 4-ft. trees (the best size for transplanting), \$1.50 each.

**Butternut.** Six-ft. trees, 75c. each.

**Chestnut** (American Sweet). Six-ft. trees, 75c. each.

**Elm.** The noble, spreading, drooping tree of our own woods. 75c. each.

**Horse Chestnut.** White flowering. 75c. each.

**Linden** (American). Price, 10 to 12 ft., 75c. each.

**Magnolia.** Price for trees 4 to 6 ft., \$1.00 and \$2.00 each.

**Maple** (Norway). Its vigorous growth renders it the most desirable species for streets, parks and lawns. Price, \$1.00 each.

**Sugar Maples.** 8-ft. trees, price \$1.00 each.

**Oak** (English). 4-ft. trees, 60c. each.

**Poplar.** Well known for its erect, rapid growth and commanding form. 75c. each.

**Tulip Tree.** A magnificent tree with broad, glossy leaves and tulip-like flowers similar to Magnolias. \$1.00 each.

**Weeping Willow.** Trees 10 ft. high, \$1.00 each.

Prices given on any variety of Forest or Ornamental Tree not mentioned here.



## AMPELOPSIS VEITCHII.

Sometimes called Boston Ivy and Japan Ivy.

This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places, attaining a height of 30 feet in two or three years, clinging to stones, brick or woodwork with the greatest tenacity. During the summer the leaves are a rich shade of green, and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance.

Prices: First size, pot grown, 2 to 3 feet, 50c. each, \$4.50 per dozen. Second size, pot grown, 1 to 2 feet, 30c. each, \$3.00 per dozen. Third size, pot grown, 6 to 9 inches, 15c. each, \$1.50 per dozen.

**A. Quinquifolia.** The old Virginia Creeper. Invaluable where a coarse, rapid climber is desired. Large plants, 50c. each.

**Akebia Quinata.** Small sub-evergreen leaves, brownish flowers. 50c. each.

**Apios Tuberosa.** A valuable, hardy tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Plant the bulbs near the trellis, fence, tree, or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are perfectly hardy and should not be taken up over winter. 15c. each, \$1.50 per dozen.

**Aristolochia Sipho** (Dutchman's Pipe). Large heart-shaped leaves. Very ornamental flowers. \$1.00 each.

**Aristolochia Sipho** (Dutchman's Pipe). Large, showy, light green foliage, flowers long and pipe-shaped, hence the name.

**Bignonia Radicans** (Trumpet Creeper). Scarlet flowers in August. Handsome. 40c. each.

**Bignonia Grandiflora** (Scarlet Trumpet Vine). A most rapid grower, flowers in large bunches of a rich orange-scarlet.

**Clematis Coccinea.** Flowers scarlet. Very choice. 50c. each.

**Clematis Flammula** (Virgin's Bower). White, very fragrant. 50c. each.

**Clematis Jackmanni.** Large purple flowers. A great favorite. 75c. each.

**Hedera Helix** (Evergreen Ivy). Leaves large and luxuriant. A standard vine. 25c. to 75c. each.

**Hedera Helix Tricolor** (Tricolor-leaved Ivy). Leaves green, white and rose. Very pretty. 50c. each.

**Honeysuckles.** Yellow, coral or scarlet, white, pink, evergreen and golden-leaved. Fine plants.

**Humulus Lupulus** (Hop Vine). A rapid grower. Very ornamental. 30c. each.

**Hydrangea Scandens** (Japan Climbing Hydrangea). Leaves dark green. Ornamental white flowers. A little tender while young. \$1.00 each.

**Ipomoea Pandurata** (Hardy Moonflower). Foliage large with white flowers shading to pink. From 3 to 4 inches across. Open during the day. 25c. each, \$2.50 per dozen.

**Lonicera Belgica.** The grandest of all Honeysuckles, and always scarce. Everblooming and very fragrant. Flowers bright red, with yellow and buff markings at the end of the tubes. 50c.

**Lonicera Reticulata Aurea** (Golden-leaved Japan Honeysuckle). Remarkably ornamental with leaves of a distinct yellow effect. 50c. each.

**Lonicera Sinensis** (Chinese Honeysuckle). Dark green foliage. One of the best. 50c.

**Menispermum Canadense** (Moonseed). A slender growing vine, producing berries. Ornamental in fall. 50c. each.

**Periploca Græca** (Virginia Silk Vine). Foliage long, narrow and shining. 50c. each.

**Wistaria Sinensis** (White). Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. Plants average from 3 to 5 feet in length. 75c. and \$1.00 each, according to size. Smaller plants, 30c. each.

**Wistaria Sinensis** (Blue). Flowers in drooping clusters like a bunch of grapes; color soft lavender blue; fragrant.

All of the above Hardy Climbing Plants at 25c. each, \$2.50 per dozen, except where noted.

## HEDGE PLANTS.

**California Privet.** One of the most satisfactory plants for hedges known at the present time. Glossy green foliage, with white flowers. Easily kept in shape and of fine symmetrical habit naturally. Price, \$5.00 to \$15.00 per 100, according to size.

**Arbor Vitæ** (American). For hedging. The best evergreen for making a close symmetrical hedge. Strong plants. \$5.00 to \$20.00 per 100.

**Box for Edging.** \$5.00 to \$8.00 per 100.

**Spruce Hemlock.** \$10.00 to \$50.00 per 100.

**Spruce Norway.** \$10.00 to \$25.00 per 100.

# FRUIT TREES AND SMALL FRUITS.

We recommend Northern-grown fruit trees to our customers, as they will be found to give better satisfaction than Southern or Western grown trees. We furnish excellent, clean trees, which if planted carefully are almost sure to succeed. Trees, when received, should be planted at once in rich, prepared soil, the roots being carefully separated and spread. If dry weather follows planting, the trees must be watered and mulched. Branches of last season's growth should be well cut back, thus encouraging the vigorous growth of new healthy shoots.

## APPLES.

First-class trees, five to seven feet, each, 50 cents. Larger size, each, 75 cents to \$1.00.

### SUMMER VARIETIES.

**Early Harvest.** Pale yellow, medium size. August.  
**Red Astrachan.** Crimson; large; fine. August.  
**Sweet Bough.** Pale yellow; very rich. August.

### AUTUMN VARIETIES.

**Fall Pippin.** Yellow; delicious. October.  
**Gravenstein.** Striped. September to November.  
**Maiden's Blush.** Yellow, with red cheek. October.

### WINTER VARIETIES.

**Baldwin.** Red; large; excellent.  
**Ben Davis.** Yellow and red; large and luscious.  
**Fameuse, or Snow Apple.** Very fine.  
**King.** Crimson; extra; large and fine.  
**Northern Spy.** One of the best; large.  
**Rhode Island Greening.** Excellent.  
**Roxbury Russet.** Medium size; splendid. October.

## CRAB APPLES.

Each, 75 cents.

**Red Siberian.** Yellow and scarlet; medium.  
**Yellow Siberian.** Deep yellow; medium; fine.

## CHERRIES.

First-class trees, three years old, each, \$1.00.

**Black Tartarian.** Purplish black; very rich. June.  
**Governor Wood.** Yellow, with red cheek. June.  
**Yellow Spanish.** Pale yellow, with bright red cheek; large and juicy.

## PEACHES.

Each, 25 and 50 cents, according to size.

**Champion.** Freestone; white and red; large and juicy. August. Excellent new sort.  
**Crawford's Early.** Freestone; yellow and red. Sept.  
**Crawford's Late.** Freestone; very large. October.  
**Elberta.** (New.) Freestone; large, handsome, golden yellow and crimson, very productive. The best early sort for market.  
**Hale's Early.** Freestone; rich and juicy. August.

## PEARS.

First-class trees, five to six feet, each 75 cents. Larger trees, each, \$1.00 to \$1.50.

### SUMMER VARIETIES.

**Bartlett.** A splendid summer variety. September.  
**Clapp's Favorite.** Yellow and red; large. August.

### AUTUMN VARIETIES.

**Belle Lucrative.** Green; sweet; large. September.  
**Louis Bonne.** Large; long; melting. October.  
**Seckel.** Small; one of the sweetest. September.

### WINTER VARIETIES.

**Beurre d'Anjou.** Large; unsurpassed flavor. November.  
**Duchess d'Angouleme.** Very large; rich.  
**Lawrence.** Medium; delicious quality.

## PLUMS.

Five to six feet, each, 75 cents.

**Bradshaw.** Large; purple; sweet. August.  
**Coe's Golden Drop.** Large; oval; yellow. September.  
**Damson.** Small; for preserving. October.  
**Imperial Gage.** Large; oval; green; very sweet. Sept.  
**Jefferson.** Yellow and red; fine. August.  
**Lombard.** Violet red; medium. September.  
**Pond's Seedling.** Violet; large and juicy. Sept.  
**Smith's Orleans.** Purple; very rich. Sept.

## QUINCES.

Each, 50 cents to \$1.00.

**Apple or Orange.** Large; round; yellow.  
**Champion.** Extra large; pyriform.

## RASPBERRIES.

	Per doz.	Per 100
<b>Brinckle's Orange.</b> Large fruit of a beautiful buff or amber color. One of the richest flavored berries...	\$0 50	\$3 00
<b>Cuthbert.</b> Fruit red, large and sweet. Very hardy	50	3 00
<b>Gregg.</b> A new black-cap of the largest size, very productive and of excellent quality	50	3 00

## HARDY GRAPEVINES.

**Campbell's Early.** (New.) Large black berries with light purple bloom; rich flavor; very sweet. 30c. each.  
**Agawam.** Red; large, juicy and aromatic. 30c. each; very strong plants, 50c.  
**Wilder.** A fine black variety; large bunches; sweet. 30c. each; very strong plants, 50c.  
**Brighton.** Very early. Large red. Equal to Delaware in flavor and richness. 75c. each.  
**Catawba.** Late red. Somewhat pulpy; very sweet and rich, of an aromatic, musky flavor. Best in sandy soils. 30c. each.  
**Concord.** Early, large black. Tender, pulpy, with a sweet foxy flavor. Does well everywhere and is always reliable. 50c. each.  
**Concord Chasselas.** Early, very large, rich amber. Free from foxiness. 75c. each.  
**Delaware.** Early, small, light red. Juicy, with very soft pulp. Very productive and requires a rich soil. 50c. each.  
**Hartford Prolific.** Extra early, large and very productive. Desirable for home use. 50c. each.  
**Moore's Diamond.** Quality of fruit equals many of the hothouse grapes. It is one of the earliest and ripens 2 to 4 weeks ahead of Concord. Price, 30c. each; \$3.00 per dozen.  
**Green Mountain.** Color, greenish white. This extra early delicious grape originated in the mountains of Vermont, has been tested for several seasons and is proving the earliest white grape known. Price, 30c. each; \$3.00 per dozen.  
**Niagara, Early.** Large, white, tender and sweet, bunches very compact. A popular white sort. 50c. each.  
**Moore's Early.** Berries large black. Bunches large and very compact. 50c. each.

## BLACKBERRIES.

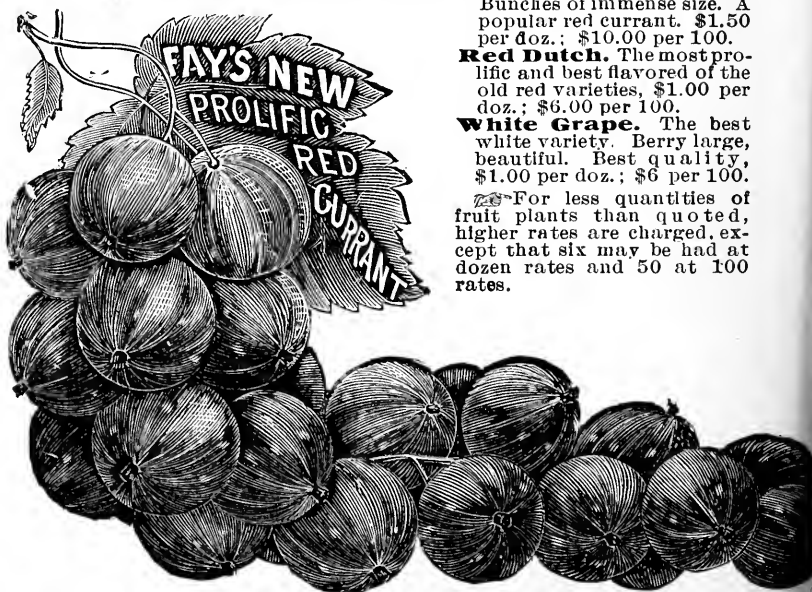
	Per doz.	Per 100
<b>Dorchester.</b> Medium, fruit firm, sweet and high-flavored. A vigorous grower, producing large crops.	\$0 60	\$4 00
<b>Kittatiny.</b> A stout, erect and vigorous growing kind. Fruit large and delicious.	60	4 00
<b>New Rochelle or Lawton.</b> Fruit very sweet and delicious when well ripened.	60	4 00
<b>Wilson's Early.</b> Very good, large, firm and sweet; hardy and productive, and one of the earliest in fruit.	60	4 00

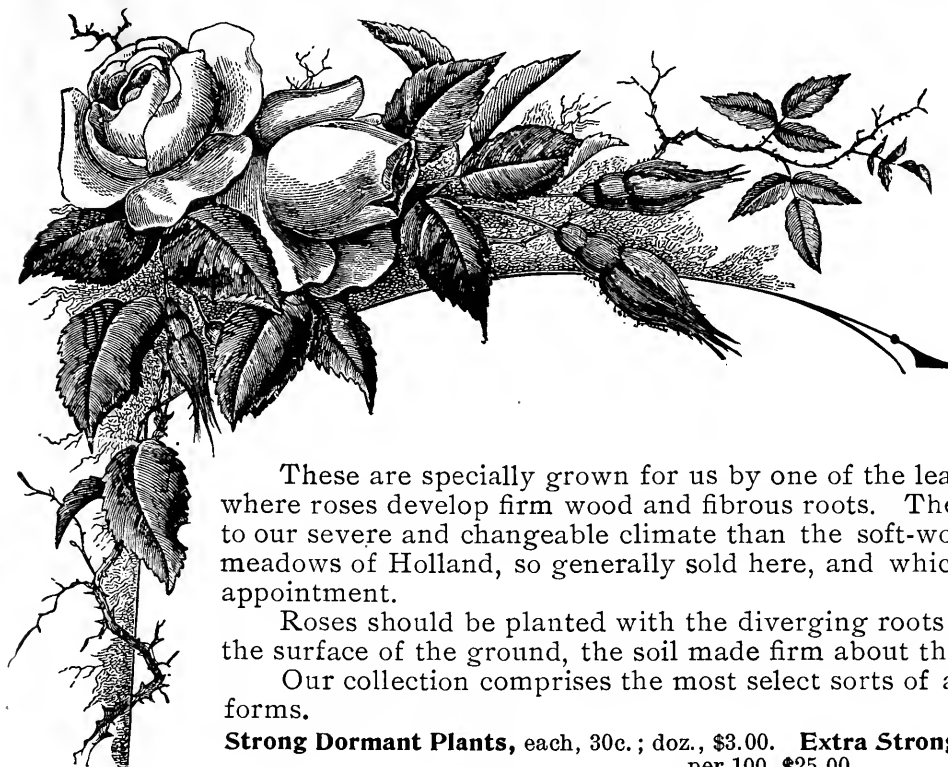
## GOOSEBERRIES.

<b>Downing.</b> Pale green, large, prolific and good. Best for home and market use.	1 00	7 50
<b>Houghton's Seedling.</b> Small to medium. Fruit oval, pale red. Very productive and free from rust.	75	5 00
<b>Smith's Improved.</b> Large, pale greenish yellow. Skin thin. Excellent quality.	1 00	10 50

## CURRENTS.

**Cherry.** A strong-growing variety. Fruit of the largest size, deep red, \$1.50 per doz.; \$6.00 per 100.  
**Fay's Prolific.** Very large and exceedingly productive. Bunches of immense size. A popular red currant. \$1.50 per doz.; \$10.00 per 100.  
**Red Dutch.** The most prolific and best flavored of the old red varieties, \$1.00 per doz.; \$6.00 per 100.  
**White Grape.** The best white variety. Berry large, beautiful. Best quality, \$1.00 per doz.; \$6 per 100.  
 For less quantities of fruit plants than quoted, higher rates are charged, except that six may be had at dozen rates and 50 at 100 rates.





## Hardy Hybrid Perpetual Roses.



These are specially grown for us by one of the leading rosarians of England, where roses develop firm wood and fibrous roots. They are much better adapted to our severe and changeable climate than the soft-wooded plants grown on the meadows of Holland, so generally sold here, and which so frequently cause disappointment.

Roses should be planted with the diverging roots at least nine inches below the surface of the ground, the soil made firm about them and liberally watered.

Our collection comprises the most select sorts of all colors and of the finest forms.

**Strong Dormant Plants**, each, 30c.; doz., \$3.00. **Extra Strong Plants**, each, 50c.; doz., \$4.00; per 100, \$25.00.

**Alfred Colomb.** Brilliant carmine-crimson; large.  
**Anna de Diesbach.** Clear bright rose.  
**Baroness Rothschild.** Pale flesh pink; very fine.  
**Captain Christy.** Delicate rose; center deeper.  
**Fisher Holmes.** Rich velvety crimson.  
**General Jacqueminot.** Brilliant scarlet-crimson.  
**John Hopper.** Brilliant rosy crimson.  
**Jules Margottin.** Bright cherry.  
**Ulrich Brunner.** Cherry crimson.  
**Victor Verdier.** Deep rose; center bright rose.

**La France.** Bright lilac-rose; center silvery white.  
**Louis Van Houtte.** Deep red, shaded with maroon crimson.  
**Mabel Morrison.** White, faintly flushed with pink.  
**Madame Gabriel Luizet.** Fine satiny rose.  
**Magna Charta.** Bright pink suffused with carmine.  
**Margaret Dickson.** White, pale flesh center.  
**Mrs. John Laing.** Soft pink; superb flower.  
**Paul Neyron.** Deep rose, very large.  
**Prince Camille de Rohan.** Very dark velvety crimson.

### HARDY MOSS ROSES.

For Spring Delivery. Each, 50 cents.

**Baronne de Wassenair.** Fine deep rose.  
**Blanche Moreau.** Large white.  
**Crested.** Deep rose-pink.

### AUSTRIAN ROSES.

For Spring Delivery. Each, 50 cents.

**Harrisonii.** Harrison's double yellow.  
**Persian Yellow.** Very deep and full.

### RUGOSA ROSES.

Each, 50 cents.

This is a very interesting and beautiful group of Japanese origin. The plant is highly ornamental on account of its fine habit and beautiful, glossy foliage; the flower buds, both of the single and double varieties, are long and charmingly beautiful. All the varieties are particularly desirable.

**Rugosa Alba.** Large, single, pure white flowers of five petals highly scented. A splendid shrub.  
**Rugosa Rubra.** Single, beautiful rosy crimson; very free and highly ornamental.

### HARDY CLIMBING ROSES.

**Crimson Rambler.** This is unquestionably the finest hardy climbing Rose in cultivation. It is a rampant grower, perfectly hardy, and in profusion and brilliancy of flower unapproached by any other climbing rose. A plant growing on our grounds, planted four years ago, produced last summer upward of fifty thousands blossoms. The blossoms are borne in immense clusters, often 150 in a cluster; they are of a brilliant crimson color and produce a most gorgeous display.

**Yellow Rambler, Aglala.** A climbing rose of the style of the Crimson Rambler, but with double flowers, which are yellow in the bud, but almost pure white when fully open.

**Baltimore Belle.** White; large; double.  
**Dawson.** Flowers deep pink; in large clusters; fragrant.  
**Gem of the Prairies.** Crimson; fragrant.  
**Multiflora, or Seven Sisters.** White; free.  
**Queen of the Prairies.** Bright red; globular.  
**White Rambler.** **Pink Rambler.**

**Flowering Plants**, each 25c.; per doz., \$2.00.  
**First Size** " " 50c.; " 4.00.  
**Extra Large** " " 75c.; " 6.00.

### TRAILING ROSES.

**Wichuraiana.** Low trailing Japanese species, with stems creeping on the ground like Ivy. Very valuable as a covering for banks, etc. Leaves small and shining; flowers white; price, 20c. to 40c. each.

### NEW HYBRID WICHURAIANA ROSES.

The under noted are beautiful additions to this class of low trailing roses for banks, rockeries, etc.

**Manda's Triumph.** Double pure white, free and constant bloomer. **Universal Favorite.** Double; beautiful pink.  
**South Orange Perfection.** Double; a perfect gem, petals white, edged with rose.

Price, 25c. each; per doz., \$2.50.

Large plants, 50c. each; \$5.00 per doz.

# General List of New, Rare and Desirable Plants.

**IMPORTANT.**—We ship all orders for plants immediately upon receipt. We will reserve plants for future shipment, but instructions to that effect *must accompany the order*. This applies especially to plants ordered in winter.

**SWEET ALYSSUM** (Little Gem). Price, 10c. each; \$1.00 per doz.

**ASTER PLANTS.** There is no class of plants more valuable for all purposes of a garden flower or gives such a variety of color as the aster. We make a specialty of these and can furnish

**Simple's, Queen of the Market, or Victoria**, in any quantity. 50c. per doz.; \$4.00 per 100.

**CALENDULA, Meteor or Le Prouset.** Ready April 15. 10c. each; \$1.00 per doz.

**CHRYSANTHEMUMS.** Collection of twelve following varieties, one plant each, for 75c., or sold separately, 10c. each:

**Major Bonnaffon.** Pure yellow, very large.

**Maud Dean.** Pink, extra large flower.

**Mrs. H. Robinson.** Very early, pure white.

**Wm. H. Chadwick.** Waxy, white tinted pink.

**Glory of the Pacific.** Grand early variety, pink.

**Mrs. Jerome Jones.** Globular, white, early.

**Ivory.** Pure white; a splendid free flowering variety.

**Pluto.** A fine globular flower, clear, bright red; reverse bright golden.

**Vivian-Morel.** Light rose, creamy white and pink.

**Philadelphia.** An immense flower, yellow.

**Pink Ivory.** Identical with Ivory in every respect except in color, which is a rich pink.

**Golden Wedding.** The grandest golden yellow variety ever introduced.

**COREOPSIS Lanceolata Grandiflora.** Good, strong young plants, which will flower this summer. 10c. each, \$1.00 per doz., \$6.00 per 100.

**GERANIUMS.** Fifty varieties. Double flowering sorts, \$1.50 per doz.; \$8.00 per 100. Single flowering sorts, \$1.50 per doz.; \$8.00 per 100.

**HELIOTROPES.** Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. 10c. each; \$1.00 per doz.

**HOLLYHOCKS, Superb Double.** Few hardy plants combine as many good qualities as the hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The hollyhocks require a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. We offer well-established, thrifty young plants which will flower this season in white, yellow, pink, bright red, maroon, and sulphur, at 20c. each; per doz., \$2.00.

**LOBELIA** (Trailing or Erect). 10c. each; \$1.00 per doz.

**MAURANDYA BARCLAYANA.** A blue flowering vine. 10c. each; \$1.00 per doz.

**MADEIRA VINE.** Fine strong roots. 10c. each; \$1.00 per doz.

**MESEMBRYANTHEMUM** (Ice Plant). Fine for rock-work, etc. 10c. each; \$1.00 per doz.

**MIGNONETTE** (Machet). Strong plants. 10c. each; \$1.00 per doz.

**MOONFLOWER VINE.** So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. They are pure white, 5 to 6 inches across, emitting a rich jessamine-like odor. Price, 15c. each; 4 for 50c.

**MIMULUS MOSCHATUS** (Musk Plant). 10c. each; \$1.00 per doz.

**MYOSOTIS** (Forget-Me-Not). The best blue variety. 10c. each; \$1.00 per doz.

**NASTURTIUMS** (Climbing or Bush). All named varieties. 10c. each; \$1.00 per doz.

**PANSIES.** Our own Non Plus Ultra strain, unequalled in size, form and coloring. 75c. per doz.; \$4.00 per 100.

**PETUNIA GRANDIFLORA** (Giant Flowering Petunia). This is a strain of incomparable beauty, size and luxuriance. The flowers are of immense size, the fringed varieties exquisitely ruffled and fringed on the edges, but the extreme elegance lies in the great variety of colors, markings, blotching and striping in the most beautiful combinations.

**Single and Double Fringed.** 15c. each; \$1.50 per doz.

**PHLOX DRUMMONDII.** Ready May 1. One of the most popular of our summer-blooming plants. They flower incessantly, varied colors. 10c. each; \$1.00 per doz.

**HARDY PHLOXES, Fall Blooming—**

**Claude Gelee.** White, carmine eye.

**Czarina.** Pure white, dwarf.

**Cross of Honor.** Lilac, margined white.

**Dominican.** Dark purplish red.

**Durandal.** Deep reddish purple.

**Eclairer.** Reddish carmine, dark eye.

**E. Chatrain.** Blush white, carmine eye.

**Harry Menier.** White, crimson eye.

**Hercules** (Early). Rich heliotrope pink.

**Jeanne d'Arc.** Dwarf, clear white.

**L'Avenir.** Rosy carmine, red eye.

**La Nuit.** Purplish maroon, very dark.

**La Soleil.** Deep carmine.

**La Vogue.** Beautiful, soft light pink.

**Lothair.** Soft carmine pink, rosy eye.

**Mme. C. Nilsson.** White, pink eye.

**Mrs. Laing.** Light purple, carmine eye.

**Mrs. Miller** (Early). Deep lavender pink.

**Marie Belanger.** Carmine, dark eye.

**Placide.** Soft carmine pink, dark eye.

**Richard Wallace.** White, carmine eye.

**Sir Edwin Landseer.** Brilliant carmine.

**WHITE LADY.** Pure white.

**Wm. Robinson.** Salmon pink, rosy eye.

Price for strong roots, 15c. each; \$1.50 per doz.

**SUMMER PINKS.** Ready May 1. Dianthus, or Summer Garden Pinks, assorted colors, double and single. They make splendid plants for the garden. Price, 10c. each; \$1 per doz.; \$6.00 per 100.

**SALVIA BONFIRE** (Salvia Splendens Nana Compacta Erecta). This variety, without question, is the finest salvia for bedding yet introduced. The plants grow into very compact oval bushes, about 2½ feet high, and produce long spikes of brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. Price, 10c. each; \$1.00 per doz.

**VINCA Major Variegata.** A useful drooping plant for baskets and vases. Distinctly and irregularly bordered creamy white on a green ground. 10c. each; \$1.00 per doz. Large plants, 30c. each; \$3.00 per doz.

**Minor Alba** (Creeping Myrtle). Very hardy, will grow in shade, and splendid for cemeteries. Pure white flowers.

**Minor Cerulea.** Similar to above in every respect, but has blue flowers. Price, large clumps, 25c. each. Small plants, 10c. each; \$1.00 per doz.

**MAIMOTH VERBENAS.** Dazzling colors and large distinct eyes. Price, 10c. each; 75c. per doz.

**ZINNIAS, Tall or Dwarf.** Finest mixed. 10c. each; 75c. per doz.

# FERTILIZERS.

## Walker's Excelsior Brand For House Plants.

Price per small packet, 15c. Large size, 25c.

## Raw Bone Meal. Best Grade.

The best all-around Fertilizer for garden, lawn, and farm.

Our Raw Bone Meal is made from Hard Bones, is evenly ground, and very white and pretty in appearance. For such as prefer a raw to a steamed Bone we recommend our Raw Bone Meal—nothing finer can be made. 5 lbs., 25c.; 10 lbs. 40c.; 25 lbs., 75c.; 50 lbs., \$1.40; 100 lbs., \$2.25; per ton (2,000 lbs.), \$34.00.

## Pure Pulverized Sheep Manure.

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

**Quantity required.** For garden and field crops 1 to 2 tons per acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring.

Price, 100-lb. bag, \$2.00; per ton of 2,000 lbs., \$30.00. In packages of 2 lbs., 15c.; 10 lbs., 40c.

## ASHES.

### Canada Hard Wood.

Drive away insects and improve the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops; of high value for grass lands and lawns.

**Quantity required.** Apply 1 to 2 tons per acre, as one heavy application will help much more than the same quantity would applied in fractions.

Price, per bbl. of about 200 lbs., \$2.00; per ton of 2,000 lbs., in bbls., \$18.00. Special prices in bulk.

### Nitrate of Soda.

Valuable solely for the nitrogen it contains. It is chiefly a stimulant, used in addition to other fertilizers. It is quick in action and hastens crop maturity.

**Quantity required.** Being extremely soluble it is usually applied after the plants are above ground, 100 to 500 lbs. per acre.

Price, per 5-lb. package, 30c.; 10-lb. package, 50c.; 25-lb. bag, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.50.

## Clay's Celebrated Fertilizer.

Per 14 lbs., \$1.25; per 28 lbs., \$2.25; per 56 lbs., \$4.00; per 1 cwt. (112 lbs.), \$7.00.

**Blood and Bone,** per 100 lbs., \$2.25; per 200 lbs., \$4.00; per ton, \$34.00.

## Mapes' Celebrated Fertilizers.

The highest grade commercial fertilizers, their basis being bone, no rock being used in their composition. All fertilizing constituents, nitrogen, potash and phosphoric acid, are strictly high-grade and soluble. *Mapes' Catalogue*, giving analysis and telling how to use these fertilizers, we mail free on application.

	Per 100 lbs.	Per bag 200 lbs.	Per ton 2,000 lbs.
Potato manure. . . . .	\$2 25	\$4 00	\$39 00
Corn " . . . . .	2 25	3 75	35 00
Cabbage and cauliflower manure . . . . .	2 25	4 00	38 00
Vegetable manure for all soils . . . . .	2 50	4 50	42 00
Fruit and vine manure . . . . .	2 50	4 25	40 00
Orange and fruit tree manure . . . . .	2 25	4 00	38 00
Grass and grain spring top-dressing . . . . .	2 50	4 25	41 00
Complete manure, "A" brand . . . . .	2 00	3 75	35 00
Complete manure, for general use . . . . .	2 25	3 85	37 00
Complete manure, for heavy soils . . . . .	2 50	4 25	40 00
Complete manure, for average soils . . . . .	2 00	3 75	36 00
Complete manure, for light soils . . . . .	2 50	4 25	42 00
"Cereal" brand, for farm crops . . . . .	1 75	3 00	29 00

## Emerald Lawn Dressing.

A clean, portable and convenient lawn dressing which we have found to be never failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. It is in every way more desirable than manure, which is so often full of weed seeds. The use of "Emerald Lawn Dressing" entirely does away with the old practice of top-dressing lawns with stable manure, which was so objectionable on account of unsightliness and disagreeable odors.

**Quantity required.** A 10-lb. package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old one. Price, 4-lb. package, 15c.; 50-lb. bag, \$1.50; 100-lb. bag, \$2.50; per ton of 2,000 lbs., \$40.00.

## Bowker's Ammoniated Food for Flowers.

Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Small size, 15c.; large size, 25c.; by mail, 25c. and 35c.

# INSECTICIDES.

## Fir Tree Oil.

The best insecticide in the market for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphid (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. Price,  $\frac{1}{2}$ -pint tin, 40c.; pint, 75c.; quart, \$1.25;  $\frac{1}{2}$  gallon, \$2.25; gallon, \$4.00.

Directions for use on each can.

## Fir Tree Oil Soap.

A formula of the above Fir Tree Oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation. Price,  $\frac{1}{2}$ -lb. tins, 25c.; 2 lbs., 75c.; 5 lbs., \$1.70; 10 lbs., \$3.25.

**Dry Bordeaux Mixture**, ready for use by simply adding water. 1-lb. box, 15c., makes 5 gallons spray; 5-lb. box, 60c.; 50-lb. keg, \$5.00; 100-lb. keg, \$9.00.

**Pinner's Tobacco Soap**, for insects, parasites and their eggs infesting plants and animals, lb., 40c.

**Rose Sulpho-Tobacco Soap**, for plants, trees, cattle, poultry, etc., packages, 10c.;  $\frac{1}{2}$ -lb. packages, 25c.

**Tobacco Dust**, 1 lb., 10c.; 5 lbs., 25c.; 100 lbs., \$3.50.

**Whale Oil Soap**, 1 lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c.

**Persian Insect Powder**, for roaches, ants, fleas, etc.,  $\frac{1}{4}$  lb., 10c.; lb., 35c.; 5 lbs., \$1.60.

**Flowers of Sulphur**, for mildew, lb., 10c.; 5 lbs., 40c.; 10 lbs., 60c.; 100 lbs., \$5.00.

**Paris Green**, lb., 25c.; 5 lbs., \$1.00; 100 lbs., \$18.00.

**London Purple**, lb., 20c.; 5 lbs., 90c.

**Slug Shot**, 5 lbs., 30c.; 10 lbs., 50c.; 100 lbs., \$4.00.

**Grape Dust**, for mold, mildew or rust mites, either in greenhouse or open air, 5 lbs., 30c.

**Rose Leaf Extract of Tobacco**, pt., 30c.; qt., 50c.; gallon, \$1.50; 5 gallons, \$5.00.

**"Cattle Comfort"** protects horses, cattle, dogs, etc., from flies, gnats, mosquitoes, horse-flies and other insects, is healing to sores, destroys head lice on fowls, etc. Price, 1 quart, 45c.

**Caterpillar Lime**, a German tar paste for smearing on trees to prevent insects, caterpillars, etc., from crawling up trees. Price, 5-lb. can \$1.00; 25 lbs., \$4.50.

**Aphia Brand** (Tobacco and Whale Oil Soap mixed), for insects on plants, poultry and cattle. Cake, 25c.; box, 6 cakes, \$1.25.

## Tobacco Stems.

Indispensable for fumigating greenhouses and conservatories for the destruction of green and black aphid, and other insects. Price, per bale, 100 lbs., \$1.50.



## Para Green.

As effective as Paris Green. Kills the bugs without injury to the foliage. Price, lb., 25c.; 5 lbs., \$1.00.

**Nikoteen**. An economical and powerful nicotine extract, pt., \$1.50.

**Gishurst's Compound**, for green fly, mildew, thrip, mealy bug and scale, lb., 50c.

**Hellebore**, for currant worms, lb., 20c.; 5 lbs., 90c.

**Pillar Catter**, for preventing insects crawling up trees, yard, 15c.

**Lemon Oil**, destroys mealy bug, scale, thrip, red spider, black and green fly, caterpillar, etc.,  $\frac{1}{2}$  pt., 25c.; 1 pt., 40c.; qt., 75c.;  $\frac{1}{2}$  gallon, \$1.25; gallon, \$2.00.

**Permol Kerosene Soap**. One of the best remedies against all kinds of insects, especially scale, a superior winter wash against San José scale, lb., 25c.; 5 lbs., \$1.00.

**Weed Destroyer**, quart can, sufficient to make 6 gallons of liquid, 50c.; gallon can, sufficient to make 25 gallons of liquid, \$1.25; 5-gallon keg, sufficient to make 125 gallons of liquid, \$4.00.

## Bug Death.



Pat. March 16 and Nov. 9, 1897.  
Ret. in Canada Nov. 2, 1897

This is a fungicide, insecticide and plant food combined, which has been used for three years with first-class results. It is claimed that the increase in the crops resulting from its use will pay the trouble and expense several times over. 1-lb. package, 15c.; 3 lbs., 35c.; 5 lbs., 50c.; 12 $\frac{1}{2}$  lbs., \$1.00.

Perfection Shaker for applying above, 65c. each.

# MISCELLANEOUS.

## ASPARAGUS BUNCHER, WATTS'.

**The Best Buncher Made.**

May be adjusted to any size bunch by simply loosening the bolts at either end and pulling out the arms to fit; thus both ends of grass can be bunched properly. When the grass grows larger at one end than the other this will be found a great advantage, as either end can be regulated. Price, \$3.25.

**ASPARAGUS KNIVES.** English, saw tooth edge \$1 50  
" " American, V-shaped knife 30

## Baskets. Rustic Hanging

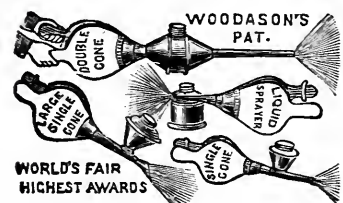
**Made from Laurel Roots, Elegantly Finished and Rattan Handle.**

	Each.	Per Doz.
Price, 8 in. . . . .	\$0 70	\$7 00
" 9 " . . . . .	85	9 00
" 10 " . . . . .	1 00	11 00
" 11 " . . . . .	1 10	12 00
" 12 " . . . . .	1 25	14 00
" 13 " . . . . .	1 40	16 00
" 15 " . . . . .	1 75	19 00

These baskets cannot be equalled in style, finish or make. They are ahead of any basket on the market. They will stand severe weather and with a little care are good for ten or twelve years' wear.

**BASKETS, WIRE.** 8-inch, 25c. each; 10-inch, 30c. each.

## BELLOWS, WOODASON'S.



Powder, small size, \$1 00  
" large " 1 75  
Liquid, small " 1 25  
" large " 2 00  
**Double Cone Powder Bellows.** For dusting plants with dry powders for insects and fungus. Price, \$2.75 each.

**COCOANUT FIBER,** per peck, 35c.; per bush., \$1.00.

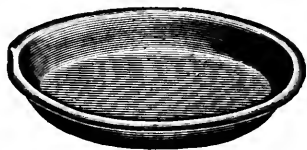
**DIBBER'S WOOD HANDLE,** 8¼-inch, 35c.

## FLOWER POTS, STANDARD.

	Doz.	100		Doz.	100
2 in. . . . .	\$0 10	\$0 60	7 in. . . . .	\$1 25	\$7 50
2½ " . . . . .	12	80	8 " . . . . .	1 50	10 00
3 " . . . . .	15	1 10	9 " . . . . .	2 00	15 00
4 " . . . . .	35	2 00	10 " . . . . .	2 75	20 00
5 " . . . . .	45	2 75	12 " . . . . .	6 00	40 00
6 " . . . . .	75	4 25			

## FLOWER POT SAUCERS (Waterproof).

If you have ever been annoyed with ordinary flower pot saucers absorbing moisture and dispensing it imperceptibly until the article it sat on was ruined, you will then fully appreciate the value of these new indurated fiber ware saucers. They do not absorb moisture and are not easily broken. Color, terra-cotta brown.



	Each.	Per doz.		Each.	Per doz.
4 inch . . . . .	\$0 06	\$0 70	10 inch . . . . .	\$0 11	\$1 10
5 " . . . . .	07	80	11 " . . . . .	12	1 15
6 " . . . . .	08	90	12 " . . . . .	13	1 25
7 " . . . . .	09	95	13 " . . . . .	14	1 50
8 " . . . . .	10	1 05	14 " . . . . .	16	2 00
9 " . . . . .	11	1 10			

## FORKS, SPADING OR DIGGING.

Extra quality, 4-tine . . . . . each \$1 10  
Hay, 3-tine . . . . . " 60  
Manure, 4-tine, D handle . . . . . " 1 00

## FLOWER VASES.

**(Fiber Ware).**

No.	Diam.	Deep.	Each.	D z.
0	8 in.	13 in.	60c.	\$6 00
1	5½ "	10 "	50c.	5 00
2	4½ "	9 "	40c.	4 00
3	4 "	6 "	30c.	3 50
4	3 "	4½ "	26c.	3 00

## FRUIT PICKERS.

Perfection . . . . . each 40c.



## FUMIGATORS, EUREKA.

**For Fumigating with Tobacco Stems.**

No. 1—Holds ½ peck stems . .	\$1 50
" 2— " 1 " . . . . .	2 00
" 3— " ½ bushel stems . .	2 50

**GARDENERS' GLOVES,** for protecting the hands, handling thorny plants, etc., heavy goat . . . . . per pair 1 00

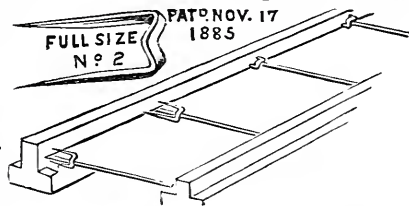
**GARDEN LINE.** Braided linen, 100 feet 50  
" Reels, malleable 75

**GLASS CUTTERS,** ebony handle, genuine diamond . . . . 3 00

**GLASS for HotBeds, etc.** Prices, 6x8 in., single thick . . . . . per box 2 50  
" " 8 x 10, 10 x 12, 10 x 14 in., single thick . . . . . per box 3 25  
" " 8 x 10, 10 x 12, 10 x 14 in., double thick . . . . . per box 4 25

**GLAZINGPOINTS** (Van Riper's), per 1,000, 65c.

**GRAFTING WAX** (T row bridge's), ¼ lb., 10c.; per ½ lb., 15c.; 1 lb., 25c.



## THE LITTLE GIANT GRASS HOOK

is a miniature scythe; looks right, hangs right and cuts right; the thing long sought for. Can mow a small lawn with it; can cut closer to trees, fences, etc. Can be used for cutting corn or clipping hedges. Forged Steel Shank, tanged handle.

**Price, 50 Cents Each.**

**GRASS HOOKS,** best English . \$0 50  
" Combination . 50  
" border trimmer. 50  
" German . . . . . 30

**GRUB HOE.** Strong, for grubbing out roots, clay, ditches, etc. 85c., \$1.00, \$1.25 each.

**HANGING BASKETS.** (See Baskets.)

**HAMMERS.** Claw hammer, standard quality, 40c.; extra quality, 60c.

**ROUND SEED OR LILY PANS.**

H'g't.	Width.	Doz.
4x8 inches.		\$1 00
5x10 "		1 50
6x12 "		2 00
7x14 "		4 00
8x16 "		8 00
9x18 "		12 00

**SQUARE**

**SEED PANS.**

H'g't.	Width.	Doz.
6x6 inch's		\$2 00
8x8 "		2 50
10x10 "		3 00
12x12 "		3 50



Also Patented in U. S.  
Feb. 13, 1900.  
June 26, 1900.  
Jan. 1, 1901.  
In Canada,  
May 22, 1900.

**HOES.**

Draw Hoes. 5-in. blade, 40c.; 6 and 7 in. blades .	\$0 50
Acme, single-prong, 6-in. blade, 50c.; double-prong, 4½-in. blade .	55
Hoe and Rake, combined, 4-tooth, 4½ in. blade .	50
English Push Hoe, 5 in., 50c.; 6 in., 55c.; 7 in., 60c.; 8 in .	65

**HORSE BOOTS.**

Per set of 4 . . . . .	9 00
------------------------	------

**HOSE.**

The Rubber Hose we offer is all made of the best rubber and will outlast cheap hose ten times over.



We guarantee our "greenhouse" and our 4-ply Special Hose, and will replace same if returned within reasonable time, in season, and found to have any

defects the fault of the manufacturer.

Price, Greenhouse Brand, ¼ in., 25 ft., \$4.00; 50 ft., \$8.00 coupled; 100 ft., \$16.00.

Special 4-ply, ¼ in., 25 ft., \$2.50; 50 ft., \$5.00 coupled. Florists' Special, 25 ft., \$3.75; 100 ft., \$14.00.

**HOSE MENDERS.**

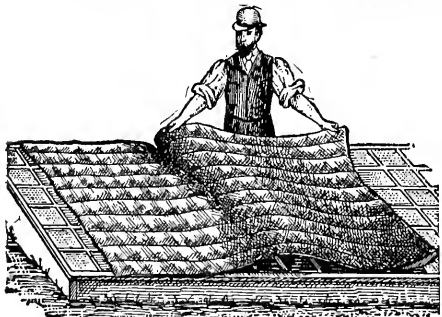
Jones (see cut), per dozen, ¾ in. . . . .	\$0 50
Hose Menders, Cooper Bros., ¾ in., each, 7c.; per doz. .	75
Hose Straps for ½-in. hose, per dozen, 50c.; ¾-in. hose, per dozen, 60c.; pliers for same, per pair .	50

<b>Hose Nozzles.</b> The Gem . . . . . each .	50
" Boston . . . . . " .	50
" Boss . . . . . " .	50

**Hedge Shears.** (See Shears.)

**HOTBED MATS.**

Burlap, for Protecting Cold Frames and Hot Beds.



These are 6x6 ft. square, made of strong burlap bagging, warmly lined with waste wool and cotton, which is quilted in to hold position.

Price, each, \$1.25; per dozen, \$12.00.

**KNIVES.**

Budding, Saynor's, 2 blades, No. 343 . . . . .	\$1 35
" " 1 blade, " 401 . . . . .	1 00
" " long-handle, 1 blade, No. 403 . . . . .	1 35
Pruning, 1 blade, stag handle . . . . .	1 00
" 2 " " . . . . .	1 25
Half-Moon Border, for trimming sod around borders of walks . . . . .	60
" Combination Border and Scuffle Hoe . . . . .	85
" Revolving Border Cutter . . . . .	1 25
" Corn Knife, serrated edge . . . . .	35
" Hedge Knife, for trimming woody hedges, underbrush, etc. . . . .	50

**LABELS.**

Wood Pot, 4 in., per 100, 10c.; per 1,000 . . . . .	\$0 75
" 4½ " " 10c.; " . . . . .	90
" 5 " " 15c.; " . . . . .	1 00
" 5½ " " 15c.; " . . . . .	1 25
" 6 " " 20c.; " . . . . .	1 50
" 7 " " 25c.; " . . . . .	2 00
Tree Labels, copper-wired, 25c.; " . . . . .	2 00

**LAWN FEEDER (Lyons' Automatic).**

It applies the fertilizer while you water, and feeds your grass or garden with high-grade, concentrated plant food. Complete outfit, consisting of 1 holder and 12 of the food cartridges, prepaid, for \$1.00.

**LAWN SETTEES.**

**Red Cedar, very Strong and Ornamental.**

4 foot seat, each, \$7 00; per pair . . . . .	\$13 50
5 " " 8 00; " . . . . .	15 50
6 " " 9 00; " . . . . .	17 50

**Laurel Settee.** Very ornamental, made from selected laurel roots, varnished, with white pine seat.

Price, 3½ feet, each, \$10 00; per pair . . . . .	\$19 00
" 4½ " " 12 00; " . . . . .	23 00

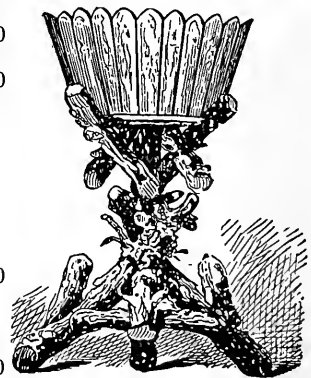
**Lawn Chair.** Cedar, each, \$5.00; per pair . \$9 00

**Lawn Chair.** Laurel, each, \$8.00; per pair . 15 00

**CEDAR VASE.**

**Ornamental for Lawns, Verandas, etc.**

Price, 16 in. diameter x 3¼ ft. high, each, \$4.00; per pair . . . . .	\$7 50
" 12 in. diameter x 2¾ ft. high, each, \$3.00; per pair . . . . .	5 50

**LAWN SPRINKLERS.**

**The Water Witch Lawn Sprinkler** (with or without stand). An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water to fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of. Price, without stand (*i. e., with spur to stick in the ground*), 75c. each; by mail, 85c. each. Price, with stand (*cannot be mailed*), \$1.25 each.

**The Comet Lawn Sprinkler.** (Will sprinkle an area FOUR TIMES greater than any other sprinkler.) By means of the swiftly revolving arms and intermediate gears the upper part of the body is made to revolve slowly around, carrying the hose nozzle, from which a large stream of water is thrown far out beyond that thrown by the arms, thereby covering four times the space of any other stationary sprinkler. With an ordinary force of water it will thoroughly sprinkle a space of 80 feet in diameter. The hose nozzle and tips on ends of arms are adjustable, so that it can be adapted to as small a space as desired. Excepting the legs, it is made of solid brass and nicely nickeled. Most substantial and durable as well as the most attractive and useful sprinkler ever made. Price, \$5.00.

**"Maid of the Mist" Three-Arm Lawn Sprinkler.** This fills the want for a low-priced arm sprinkler; it is compactly and strongly made with phosphor-bronze bearing, and will cover a space 48 feet in diameter with suitable pressure of water. The top and arms are of brass, nickel-plated, stand and legs of iron, handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging—it stands 12 inches high. Price, \$1.25.

**4 and 8 ARM LAWN SPRINKLERS.**

This is the best lawn sprinkler made. It can be attached to hose and placed anywhere on the lawn, where it serves the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 60 to 100 feet in circumference, according to the pressure on the water. An ornamental standard, about 4 feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing. **Prices:** For a 4-arm Sprinkler, \$3.00; for an 8-arm, \$3.50.

**LAWN SHEARS** (see shears).

**" RAKES** (see rakes).

**MASTICA**, for glazing greenhouses, sashes, etc. It is elastic, adhesive, and easily applied. It is not affected by dampness, heat or cold. Per gallon, \$1.25.

**Machine**, for applying above, \$1.00 each.

**MOSS, Spaghnum**, per peck, 25c.; per barrel, \$1.25; per bale, about 5 barrels, \$5.00.

**MOLE TRAPS.****Hales' Perfect.**

There are few things more annoying to owners of fine lawns or gardens than seeing their beauty gradually destroyed by moles, and how to get rid of these animals has heretofore been a puzzling question to many people.

So many mole traps have been sold from time to time, and most of them comparatively worthless, that many intelligent people have come to the conclusion that moles cannot be caught, and that traps are useless. To all such we would recommend Hales' Mole Trap, being confident that it will give perfect satisfaction, and will catch the moles where all other traps fail.

Price, \$2.00 each; \$18.00 per doz.

**New Model.** This is the only trap that can be set under a hotbed frame, as the trap, when set, is only 11½ inches high. Price, \$1.50 each; \$15.00 per doz.

**Olmstead's Improved**, \$1.50 each; \$15.00 per doz.

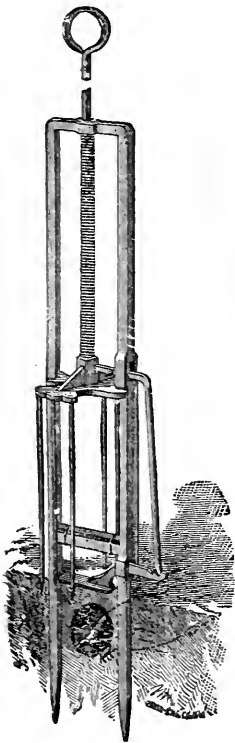
**Out o' Sight**, 50c. each.

**LAWN MOWERS.****The Rival.**

12 in.....\$3 00  
14 " ..... 3 25  
16 " ..... 3 50

**Ball-Bearing Victory.**

14-in. high wheel \$8 50  
16-in. high wheel 9 50  
18-in. high wheel 10 50  
20-in. high wheel 11 50  
22-in. high wheel 12 50  
24-in. high wheel 13 50

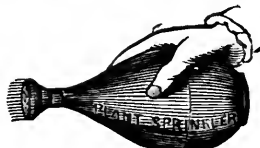


**PENCILS, Indelible.** Price, 5c. each; 50c. per doz

**Plant Sprinklers**, Scollay, 8 oz., \$1.00.

**Plant Sprinklers**, Davol, 6 oz., 60c.

**Rubber Putty Bulb**, for applying soft putty and white lead in glazing, \$1.00 each.



**Potting Soil.** Per peck, 25c.; per bush., 75c.; per bbl., \$2.00

**PLANT STAKES, Green Tapering.**

	Doz.	100		Doz.	100
1½ ft.....	\$0 15	\$0 90	3½ ft.....	\$0 60	\$3 70
2 ".....	25	1 55	4 ".....	65	4 30
2½ ".....	40	2 35	5 ".....	75	5 00
3 ".....	45	2 95			

**DAHLIA POLES.**

	Doz.	100
3 ft.....	\$0 70	\$4 30
4 ".....	90	5 70
5 ".....	1 10	7 10
6 ".....	1 30	8 50

**PRUNERS****WATERS' TREE.**

4 ft.....	each..	\$0 75
6 ".....	"	85
8 ".....	"	1 00
10 ".....	"	1 15
12 ".....	"	1 25

**RAKES, Steel garden:**

10 teeth, 55c.; 12 teeth, 60c.; 14 teeth, 65c.

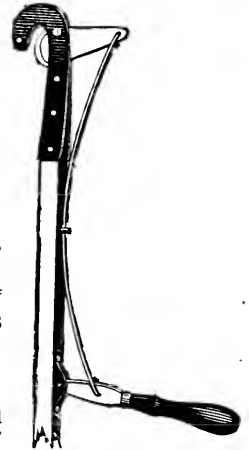
Fine tooth steel gravel rake: 16 teeth, 80c.; 18 teeth, 90c.

Wood hay, 12 teeth, 30c. each.

" lawn, 24 teeth, 35c. each.

Steel lawn, 24 teeth, 60c. each.

**RAFFIA.** The best tying material for plants. Price, per lb., 18c.; per 10 lbs., 17c. per lb.

**RUSTIC WORK.****Rustic Houses, Bridges, Settees, Chairs, Arbors, Etc.**

Estimates given on **RUSTIC WORK** of all descriptions.

**ROLLERS. Iron Garden and Lawn.**

Our rollers have weights attached to the central shaft and can be unhooked and removed when lighter weight is desirable. These weights keep the handle up from the ground.

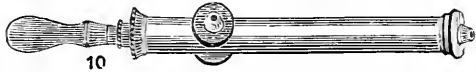
Sizes.	Width of section.	Height.	Weight.
No. 1. 2 section.	7½ inch.	15 inch.	125 lbs.....\$5 00
" 2. 1 "	20 "	20 "	220 " ..... 9 00
" 3. 2 "	12 "	20 "	300 " ..... 12 00
" 4. 3 "	12 "	20 "	450 " ..... 17 00
" 5. 2 "	12 "	24 "	400 " ..... 15 00
" 6. 2 "	12 "	28 "	500 " ..... 17 00



**SYRINGES (BRASS).**

11

Open roses, two-spray roses and jet, side attachments . . . . . each \$4 50



10

Cone valves, two-spray roses and jet, side attachments . . . . . each 5 50



**G** Barrel 16 in. x 1½ in. diameter.

Open rose, one-spray rose and jet, one side attachment, angle joint. This joint can be detached and the Syringe used in the ordinary way . . . . . each 4 00



OO

Fine spray, rose only, barrel 14 in. long, 1½ in. in diameter . . . . . each 2 75  
No. O Same as OO, but with barrel 12½ in. long, 1¼ in. in diameter . . . . . each 2 25



\*\*\*\*\*

**Iron Tree Guards**

ENAMELED BLACK.

Price, \$3 00 Each.

\$30 00 per Dozen.

\*\*\*\*\*

**COLUMBIA PLANT TUBS.**

Made of Cypress. Never Break—Never Decay.

12 in. diam. by 11 in. high	\$1 00
14 " " 14 "	1 50
18 " " 16½ "	2 00
21 " " 18½ "	2 50
24 " " 20½ "	3 00

**TROWEL, SOLID STEEL.**

Light, strong and durable . . . . . price, each \$0 40  
Garden Trowel . . . . . " 10

**WHEELBARROWS.**

Regulation Garden Barrow.

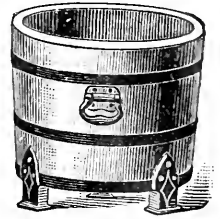
No. 2, \$2 75; No. 4, \$3 50; No. 5, \$4 00

Canal Barrow, with wooden wheel . . . . . each \$1 75  
" " iron " " " 2 25

**UNION FLOWER TUBS.**

Made of Cypress, painted green, with iron hoops and feet and handles; perforated bottom; very strong.

No.	Diameter.	Height.	Price.
1 .	11 inches .	13 inches .	\$0 75
2 .	13 " .	14½ " .	1 00
3 .	15 " .	16 " .	1 40
4 .	18 " .	20 " .	2 00
5 .	21 " .	24 " .	2 50

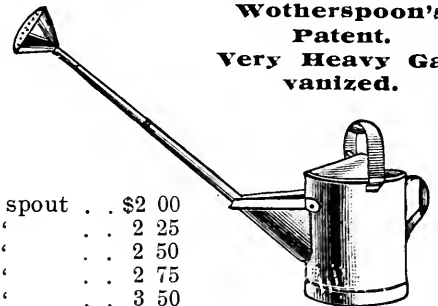
**CEDAR TREE TUBS.**

Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside.

No.	Outside Diam.	Length of Stave.	Price.
0 . . . . .	27 inches .	24 inches .	\$6 00
1 . . . . .	25 " .	22 " .	5 00
2 . . . . .	23 " .	20 " .	4 50
3 . . . . .	21 " .	18 " .	4 00
5 . . . . .	18 " .	16 " .	3 50
6 . . . . .	16 " .	14 " .	2 75
7 . . . . .	14 " .	12 " .	2 25
8 . . . . .	13 " .	11 " .	2 00
9 . . . . .	12 " .	10 " .	1 75

**WATERING POTS.**

Wotherspoon's Patent.  
Very Heavy Galvanized.



6 quarts, long spout . .	\$2 00
8 " " . . . . .	2 25
10 " " . . . . .	2 50
12 " " . . . . .	2 75
16 " " . . . . .	3 50

**Galvanized.**

4 quarts, short spout . . . . .	\$0 35
6 " " . . . . .	50
8 " " . . . . .	65
10 " " . . . . .	75
12 " " . . . . .	1 00
16 " " . . . . .	1 25

**Common Sense. Tin Painted Green.**

2 quarts . . . . .	\$0 50
4 " . . . . .	75
6 " . . . . .	1 00

**EXCELSIOR WEEDING HOOK.**

Tinned, Malleable Iron and Polished Apple Wood Handles . . . . . each, 10c.

Hazeltine's Weeders . . . . . each, 20c.

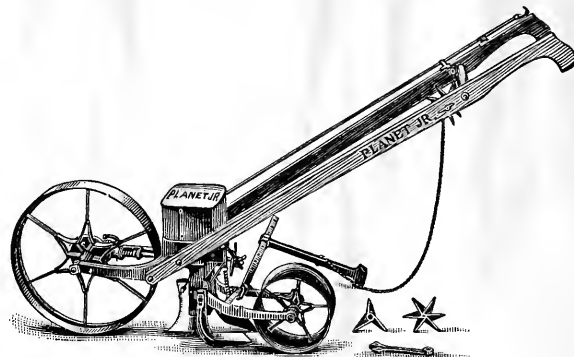
## "PLANET JR." FARM AND GARDEN TOOLS.

Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send fully illustrated catalogue free for the asking to any address. Remember, "Planet Jr." machines are the recognized standards throughout the world and are guaranteed by the manufacturers.

### "PLANET JR." No. 3 Hill and Drill Seeder.

**PRICE, \$10.00.**

This seeder is the latest and most perfect development of the hand seed drill. It sows in a continuous row in the ordinary way with unequalled regularity, but its distinctive feature is that it will drop neatly in hills either 4, 6, 8, 12, or 24 inches apart. It opens the furrows, drops in hills or drills, covers, rolls down, and marks the next row, all at one operation; no time is lost and no seed wasted. It is quickly set to sow different kinds of seeds any thickness desired and is changed in a moment from hill-dropping to drill work. It covers and rolls down light or heavy, and sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seeds.

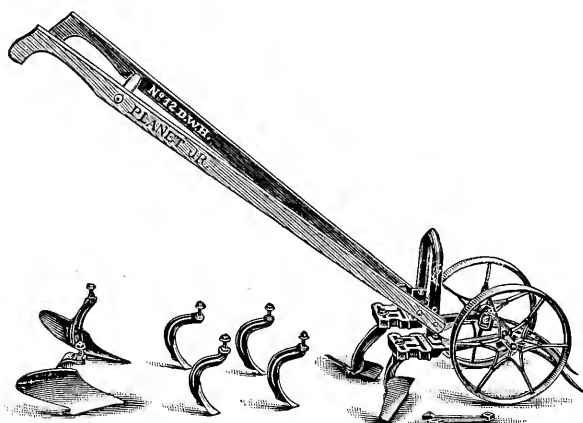


The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. We guarantee our seeders to be more accurate than any other made and to give satisfaction in every respect.

### No. 12 Double Wheel Hoe, Cultivator and Plow.

**PRICE, \$6.50.**

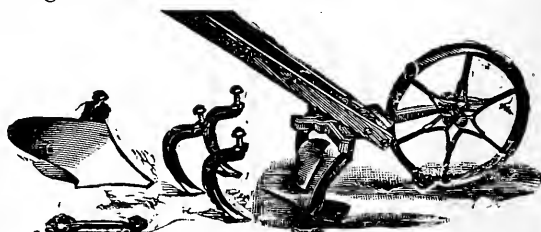
This wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at different distances apart; malleable frame with ample room for tool adjustment and can be set at different heights. The arch is of stiff steel unusually high; the quick-change frame permits the tools to be changed without removing the nuts.



### No. 17 Single Wheel Hoe, Cultivator and Plow.

**PRICE, \$4.25.**

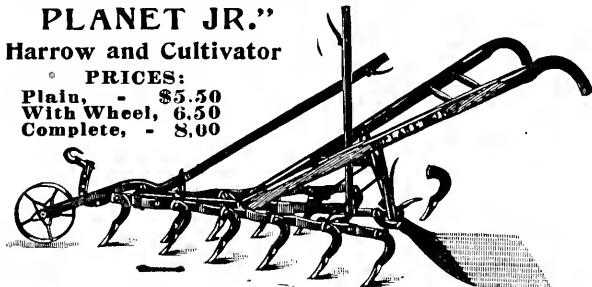
This latest and best single-wheel hoe has a set of tools such as have been found to work in the very best manner. It has 11-inch wheel with broad face; is very light, strong, and easy running. It has adjustable handles and quick-change frame; the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.



### PLANET JR." Harrow and Cultivator

**PRICES:**

Plain, - \$5.50  
With Wheel, 6.50  
Complete, - 8.00



This tool has rapidly grown into favor with farmers, market gardeners, and strawberry growers. It has a high frame, and the chisel shape teeth cut an inch wide each.

The foot-lever pulverizer is a capital addition for preparing ground for the seed drill or for plant-setting. It contracts to 12 inches and expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. It has a Strawberry Runner Cutter Attachment, consisting of a 10-inch flat steel disk mounted on an outrigger; extra, \$1.75.

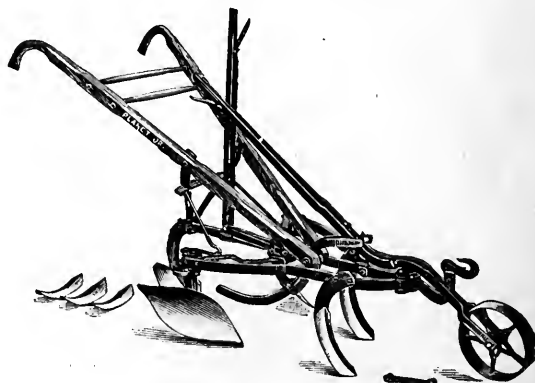
### "PLANET JR." No. 8 Horse Hoe.

**PRICE, \$8.00.**

Probably no other cultivating machine is so widely known as the "Planet Jr.", for it is used throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.

**No. 9 HORSE HOE.**—This tool is similar to the No. 8 Horse Hoe, but it has a plain wheel instead of one operating by a convenient lever. It has the same standards and teeth, and is made in other respects like the popular No. 8. It is strong and serviceable and will give full satisfaction. **Price, \$7.00.**



# THE VICTORY BALL-BEARING LAWN MOWER

Has Bearings like a Bicycle.

A 24-inch mower can be operated as easily as a 16-inch of the old style, and lawn mown in one-quarter of the time ❀ ❀

BALL BEARINGS ❀ ❀  
TEN-INCH WHEELS ❀  
TRIPLE GEAR ❀ ❀ ❀  
FOUR-BLADED REEL ❀

## ITS SPECIAL FEATURES.

**Ball Bearings** of the very highest grade, exact to 1-1000 of an inch, which reduce the friction astonishingly—even more in a mower than in a bicycle—and render it possible to use wider machines than heretofore with parallel bearings.

**Triple Gear** entirely inclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

**A Solid Rectangular Frame**, that cannot be twisted or jarred out of parallel; the two side frames being bound tightly together by means of two cold-die drawn-steel bolts, which make the most rigid frame ever built.

**A Removable Cutter Bar**, which, by loosening four small screws, may be rolled out of the machine for sharpening without disturbing the frame. A very valuable feature, found in no other make of mowers. This cutter bar is the most rigid made, owing to its tubular shape, and, being separate from the frame, enables one to adjust the lower blade to the reel without twisting the frame out of parallel—a common fault in other mowers.

**Double Steel Ratchet**, like lightning in action, like adamant in hardness and durability. By using two pawls in each pinion, the chances of the pawls engaging

the clutch part of the pinion are doubled, and the durability is increased tenfold, because the clutch part of the pinion can move so small a distance before engaging the pawl and impelling the knives forward that there is no shock, for the same reason that you cannot strike a hard blow if the object is too close. The result is that the knives cut the instant you move the mower, a delightful contrast from the old-style mowers.

**Micrometer Adjustment for Cones and Ball Cups.** The slight wear of the cones, balls and cases, consequent upon long-continued use, is perfectly compensated for by two screws (other machines have six, and some ten to accomplish this in parallel bearings).

**Cold-Die Drawn-Steel Axles**; hard and stiff and true to within 1-1000 of an inch, which, with the cast iron hub of the wheels, bored and reamed to a perfect fit, make an ideal bearing—much superior to cast iron axles in cast iron hubs.

### Prices for VICTORY Ball-Bearing Lawn Mowers.

14-inch cut . . . .	\$8 50	20-inch cut . . . .	\$11 50
16 " " . . . .	9 50	22 " " . . . .	12 50
18 " " . . . .	10 50	24 " " . . . .	13 50

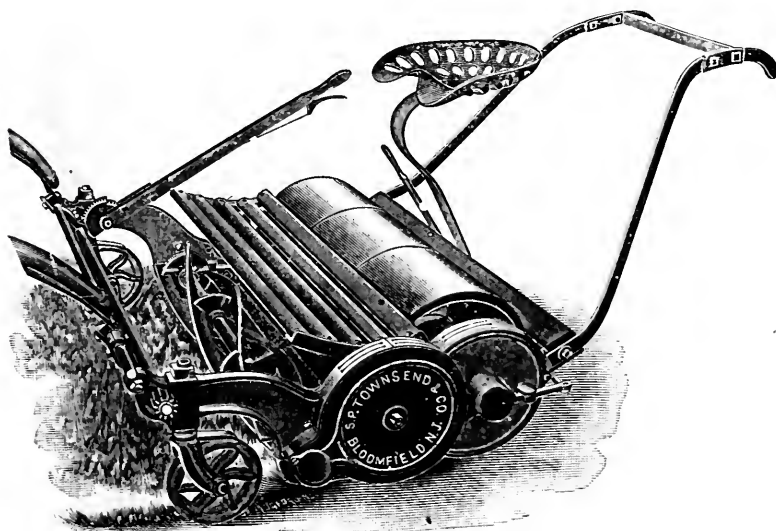
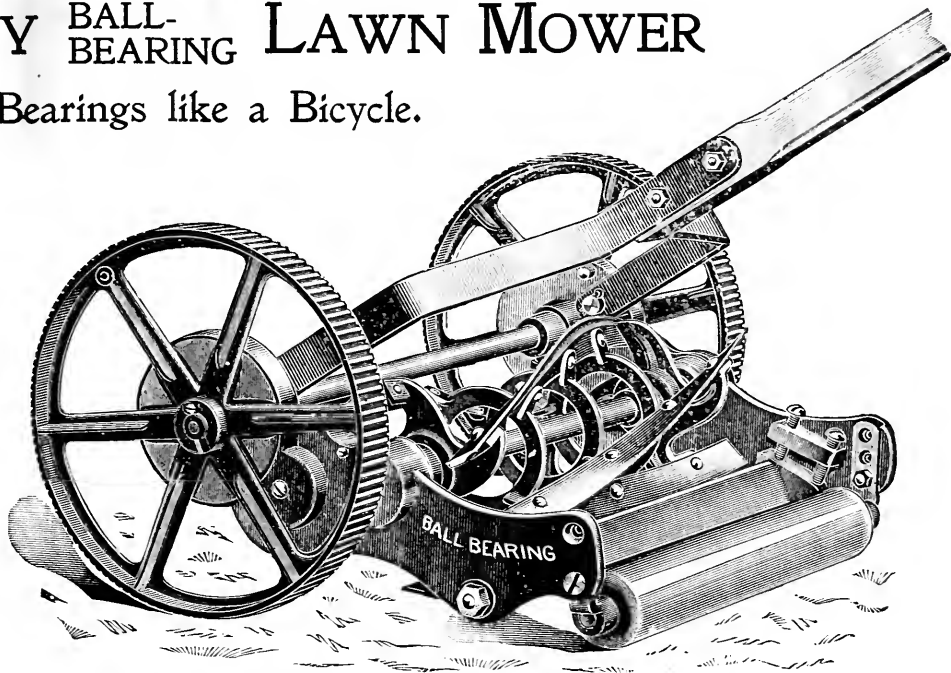
...THE...

## Townsend Horse Lawn Mower

We consider this the most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) insure great power and ease of movement. The self-aligning journal boxes will be found in this mower only, and prevent cramping, a very common fault in Horse Lawn Mowers.

All machines are fitted complete with Tool Box, Seat, Handles, Shafts and Side Bar Attachment, which keeps the horse on the cut grass.

Net prices—30-in., complete, \$65.00; 36-in., complete, \$70.00; 38-in., complete, \$75.00.



Townsend Horse Lawn Mower.

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Adonis . . . . .	28	Daisies . . . . .	32
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		Dracæna . . . . .	38

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